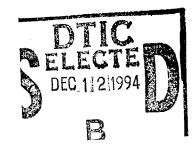


U.S. Army Corps of Engineers Water Resources Support Center Institute for Water Resources

PC-FIMACK

VERSION 1.010



DOCUMENTATION REPORT



REPORT DOCUMENTATION PAGE

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The overall purpos	e of this report is	to provide an ove	erview	of PC-FINPACK
which is a compute	rized financial anal ater disposal facili	lysis and simulat	tion mo	del for water
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managers wish to r	maintain a given rat	io of debt to e	auity :	in the firm's
balance sheet. The	e major postulate of	the PC-FINPACK	rationa	le (an exten-
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NOTICE

The development of PC-FINPACK has out-paced this March 1993 version of the PC-FINPACK Documentation Report. Users hereby advised, therefore, that the information contained herein is still applicable to the operations of PC-FINPACK though some cell addresses may a few rows away from their true will find locations. Users that directions, explanations, and helpful comments are distributed throughout the PC-FIN-PACK spreadsheets. Thus, the IWR Project Manager for PC-FIN-PACK believes that the celllocation deficiencies do of postponement warrant December 1993 delivery of FINPACK to the PEP Program Managers, until publication of an updated Documentation Report.

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PC-FINPACK

PURPOSE AND RATIONALE

Development of PC-FINPACK was funded by the Partners for Environmental Progress (PEP) Program, and implemented by the U.S. Army Engineer Institute for Water Resources. The PEP Program of the U.S. Army Corps of Engineers is designed to provide cost-shared planning assistance to communities involved in the planning required to satisfy their water supply and waste water disposal needs. PC-FINPACK is designed to support Corps of Engineers analysts in their conduct of computer-aided financial analyses of water supply projects and waste water disposal projects that public sponsors are considering for privatization.

PC-FINPACK is a computerized financial analysis and simulation model for water supply and waste water disposal facilities. Generally, the overriding rationale underlying the use of financial simulation models is the assumption that the firm's managers wish to maintain a given ratio of debt to equity in the firm's balance sheet. The rationale underlying the development of the PC-FINPACK Model is an extension of the aforesaid generally-applied rationale; axiomatically, therefore, the rationale underlying the operation of PC-FINPACK is the major postulate that the constancy of the ratio of Total Operating Revenues to Total Assets is an appropriate basis for financial simulation analysis of the accounting data for water supply and waste water disposal facilities.

PC-FINPACK uses its input data on water usage to calculate a specific firm's operating revenues—then, the predominant multiplier (the ratio of Total Assets to Total Operating Revenues) is used in conjunction with other multipliers to simulate balance sheets and income statements for each of the five years shown in the PC-FINPACK spreadsheet. In other words, for a specific firm (facility), PC-FINPACK enables its users to simulate balance sheets, income statements, and other data which are in conformity with comparable data for the typical firm in the specific facility's class.

¹ Prof. Simon Benninga, in the 1990 printing of his book, <u>Numerical Techniques in Finance</u>, revisits J. M. Warren's and J. P. Shelton's December 1971 <u>Journal of Finance</u> article in which they showed that certain balance-sheet relations may be determined from the simultaneous solution of several linear equations. Benninga made the point that, "... in the Warren-Shelton model the firm solves a problem that involves some twenty simultaneous equations in as many unknowns." (*Benninga*, 1990, p. 6)

The basic and essential input data, for PC-FINPACK, are a specific facility's:

- number of hookups designated by user-class,
- rates of annual growth of major activities-anditems, and
- multipliers which are representatives of the major accounting-and-financial (A&F) relationships for specific categories of facilities.

The data on number of hook-ups may be based on physical counts or projected usage. The PC-FINPACK growth rates and A&F multipliers were derived from analyses of the balance sheets and income statements of field-survey-determined categories of many financially sufficient privately- and public-owned water supply and waste water disposal facilities. The PC-FINPACK spreadsheet was designed to accept the manual loading of the input data.

HOW TO USE PC-FINPACK SPREADSHEETS

The input data for PC-FINPACK are contained in one of the spreadsheet files on the computer disks that were provided. First, the user should select the spreadsheet file that meets her/his requirements. Currently, only three population-categories (small, medium, and large) are available. Users must manually select the appropriate file from the disks provided at this time--WatSupA to WatSupRR, based upon size, region, municipal or private, and water supply or waste water disposal categories. The major things to remember are:

- Users should go directly to help-screen A 1.10 and review the default values. Enter the number of hook-ups expected into cells E40-E42, usage per hook-up into cells I40-I42, and rate per 1,000 gallons into cells C45-C47.
- Additional changes can be made to the income statement and balance sheet in column E if the default values are not appropriate. Save your default file under a new file name before changing it.
- Users can view help-screens:

via the spreadsheet by pressing the Tab-key twice, or pressing the Alt-key and H-key simultaneously. Users should press Shift-key and Tab-key twice to return to column A, and use the page-up or -down keys to find the lines they want.

Users are advised to telephone Dr. Edward M. Pierce at (305) 472-1048 or (305) 475-7684, if they have problems, or need information on special considerations such as treatment or capital investment multipliers or problems with the model.

HOW TO CHANGE THE DEFAULT MULTIPLIERS

The predominant ratio (76737/19820), located in cell E600 and also known as the critical multiplier, was determined by analysis of several types of water utilities. This ratio is the essential control factor for calculating the "Total Assets" for the first year (cell E148), which is derived from the formula: "(76737/19820) multiplied by Total Operating Revenues in the first year, shown in cell E71. Therefore, "Computed Total Assets" equals 3.87170 multiplied by E71.

The multipliers in the spreadsheets may be changed by retrieving the spreadsheet, locating the cell(s) to be changed in the "LOOK-UP TABLE" at cell address A671 in the spreadsheet, going to cell(s) to be changed, manually making the change(s), and then saving the spreadsheet.

HELP-SCREENS EXCERPTED FROM PC-FINPACK SPREADSHEETS

• 1.7 Multipliers, lines 36, 37: The inflation rate and real growth rate are added to 1.00 to obtain the "relative." The relatives are multiplied together (1+inf)*(1+r) to obtain 1.00 plus your multiplier (cell I37). All default values are operative throughout the spreadsheet and model. You may change an individual multiplier by entering a new value in the multiplier column. Note that all lines reflect inflated values.

Revenue Computations, lines 39-48: Do not change default values. Enter any adjustments in the revised columns for rates, number of customers (Hook-ups), and usage per customer. If a gross revenue figure is all that is available, enter it in cell M45.

Press F9 (Function key F9) and the program will compute all of the forms based upon your revised numbers.

• 1.8 Special Considerations, lines 50-52: Tentative multipliers for special water treatment and unusual plant and equipment requirements (water towers, etc.) are as follows:

Air Stripping	\$ 300 per	1,000,000	gallons
GAC Absorption	\$ 500	#	11
Direct Filtering \$	1,000	11	41
Conv Treatment \$	2,250	u .	41
Steam Stripping	\$ 850	THE STATE OF THE S	11

Presence of arsenic, barium, selenium, or coliform Bacteria requires special treatment. Contact Mr. Bill Clark at IWR (703) 355-2240.

• 1.8.1 Unusual transportation distances or pumping requirements may increase plant and equipment costs, as well as operating costs. No data are available to provide adjustments for these conditions at the present time.

Item Norm Multiplier Remarks

Pipelines Canals Water Towers Distribution Net EPA Modifications

- 1.9 Financing Costs, lines 55-59: Financing costs are carried to the weighted cost of capital (WCC) section (line 422). Default values are 10% cost of debt (BT), 9% cost of preferred stock, and 11.6% cost of equity (Beta of 0.80, Rm of 0.13, and RFR of 0.6). The WCC is used to compute present values (line 412) and uniform annual equivalent cost (line 416).
- 2.1 Revenues, lines 64-69: Revenues are computed for the first year using inputs for usage per customer, number of customers (Hook-Ups), and rate per 1,000 gallons. For large systems, numbers of gallons are divided by 1,000,000. Revenues are summed by component to arrive at totals, and are multiplied by the multiplier to obtain revenues for three future years. Revenues are multiplied by the multiplier raised to the sixth power to arrive at revenues in the tenth year.
- 2.2 Expenses, lines 73-83: Operating Expenses increase by use of the multiplier, and are considered as variable expenses. The so-called "fixed expenses" are not tied to operating levels, but are 3\$ likely to vary from year to year. The model does not increase fixed expenses over time, but you may increase them by changing the multiplier. The model aggregates fixed expenses, but you may enter values for each expense-category, separately. Neither depreciation nor amortization are increased between years; the model assumes depreciation and amortization amounts are reinvested in the capital accounts, so that plant and equipment accounts remain constant over the years. You may change the entries on lines 140-143 if you have better fore- casts for new construction and major maintenance. Liabilities and retained earnings columns may have to be adjusted.

Operating Earnings are computed by subtracting operating expenses, including depreciation and amortization, from operating revenues.

● 2.3 Non-Operating-Revenues-and-Expenses, -lines 99-104: (Temporary income from restricted assets should be backed out of the income

statement if it is large enough to distort results.) Interest income results from investing normally available assets, to include excess cash. If cash builds up in the model due to excess retained earnings, it is not used to generate additional investment income. You may show additional income on line 99.

Interest expense is obtained by multiplying debt outstanding (cells E155+E156, E170, and E171) by current interest rate (cells E55-E59).

• 2.4 Net Profit and Retained Earnings: Earnings are summed, tax rate (40% in cell C108) is applied, and profit after tax is computed.

Dividends and adjustments are subtracted and retained earnings are posted to the next year's balance sheet (cell G176).

- ♦ 3.1 Current Assets, lines 123-131: Cash line is carried forward from line 400 (Cash, End of Year) of the current year. Other lines for the first year are computed by multiplying the total asset figure (cell E148) by the default fraction. Follow-on years are computed by multi- plying the current year value by the multiplier. First year values may be adjusted to reflect your experience by first adjusting the total asset figure, and by second recalculating the decimal multiplier for each line item of the balance sheet. These should sum to 1.0. Third, enter cells E124-E146 of the asset side of the balance sheet and change the fraction used to multiply cell E148. Check your results against the normalized balance sheet.
- 3.2 Restricted Assets, lines 133-137: Restricted assets include monies committed for special purposes such as expanded facilities. The default values include a normal amount of such monies. Theoretically, restricted funds should be cleansed from the income statement and the balance sheet before the financial analysis is completed. If restricted assets are more than 5 to 10% percent of total assets, we recommend that their effect be subtracted from both the balance sheet (lines 133-137) and income statement (line 99).
- . 3.3 Fixed Assets, lines 139-145: Fixed assets are held constant through the out-years, assuming that depreciation and amortization are reinvested in plant and equipment. This assumption has the effect of zeroing out the depreciation line and amortization lines. The multiplier is held at 1.00 for fixed assets.

Construction in progress is considered as financed from restricted assets, and is backed out of both assets and liabilities. Note that current depreciation and amortization are being reinvested, and recorded under plant and equipment (line 140).

• 3.4 Total Assets, line 148: The total asset line is a key line in that other assets are computed as a percentage of total assets. The ratio of assets to revenues is computed for the average utility of your size and type. Your revenues (computed according to your number of customers, your usage per customer, and your rates) are multiplied by the ratio of assets to revenues (about 3.8) to obtain the total asset value in cell E148.

Line 149, shows the difference between assets and liabilities plus net worth. On line 150, the asset lines in the balance sheet are totaled to provide a check against the computed asset value. If the multipliers add to one, line 150 should be within one percent of line 148. Differences should be less than two percent, except for column M, which is a rough approximation for a six-year interval.

Asset totals for the out-years are simply the total of all assets, as in any balance sheet. Line 149 is the difference between assets and liabilities, and provides a check of the internal consistency of the program as it is applied to your situation. If errors exceed five percent, consult the trouble shooting section of the manual or call 305-472-1048, Dr. Edward Pierce.

● 3.5 Current Liabilities, lines 152-160: Current liabilities for the first year are computed as a fraction of total assets. The multiplier is used to obtain out-year values except for the current portion of long-term debt, which is computed by multiplying the remaining debt by the first year percentage. You may prefer to hold this number constant by using a 1.0 multiplier. Note that a reduction in debt is a negative cash flow (line 384). Increases in liabilities have the effect of positive cash flows—both will affect the cash account.

Payable from Restricted Assets, line 162-164: These lines are normally zeroed out, but may be used if you include restricted assets in the balance sheet and income statement.

Advances from Other Funds, line 167: Use if you have liabilities due to advance payments from other funds.

- 3.6 Long-Term Liabilities, lines 169-171: Intermediate-term and long-term debt are computed for the first year as a fraction of total assets (line E148). The out-year figures are the first year figures less the previous year's current portion, long-term debt (line 156).
- 3.7 Equity, lines 172-178: Preferred stock, common stock, paid in surplus and retained earnings make up the equity accounts in the business firm. Preferred stock is considered equity by law, and dividends are paid after income is taxed--as opposed to debt where

interest is paid before income is taxed. Preferred dividends are fixed for the life of the stock, and are deducted from net income (line 218).

Common stock, paid in surplus, and retained earnings are all treated as one account in computing cost of equity. The municipality is paid dividends on contributed capital (equity) which is equivalent to common stock plus paid-in-surplus. Dividends grow as equity grows. Equity is totaled, and liabilities and equity are added together to arrive at line 180, which should equal line 148 if the balance is to balance. In this model, we do not attempt to force this balance, but we note instead the differences between assets and liabilities (line 149) to obtain a check on the model's internal consistency.

• 4.1 Normalized Income Statement, lines 184-223: Normalized income statements are developed by dividing each line by total revenues. The decimals should be the multipliers used to generate your first year income statement (decimal multiplied by \$E\$71). Column F, line 202, contains the total of the expense column decimals. This total plus the operating earnings (E204) should equal 1.000.

Non-Operating revenues are computed in the same manner, but are not additive to the totals. Interest income is shown as a negative cash inflow.

Profits after tax, dividends, and adjustments complete the normalized income statement.

● 4.2 Normalized Balance Sheet, lines 242-300: Each line of the balance sheet is divided by total assets to obtain the decimals. The asset lines are summed, and should total to 1.000 (line 257). Errors of less than 0.02 in column M are considered acceptable.

Liabilities and equity accounts are computed in the same manner, and should total to 1.000 (line 300). Again, errors of less than two percent in column M are considered acceptable.

• 4.3 Liquidity Ratios, lines 304-309: Liquidity ratios tell us our ability to pay our current bills. The most stringent is the acid test ratio, which contains only cash and short-term securities (near-cash) in the numerator, and current liabilities in the denominator. An adequate ratio is 0.10 for a large firm, 0.50 for a small firm. Liquidity in the sample firm increases as the cash account grows.

Quick ratios include receivables in the numerator, and current ratios include all current assets in the numerator. As a rule-of-thumb, the quick ratio should be about 1 to 1, and the current ratio about 2 to 1, may be lower for utilities.

● 4.4 Activity Ratios, lines 312-322: Activity ratios look at the turnovers of accounts receivable and inventory (lines 312, 314). Days outstanding refers to receivables and tells us the length of time needed to collect the average account receivable. Thirty to forty-five days would appear to be adequate.

Asset turnover is an indication of the efficient use of assets. Although the normal for a manufacturing concern is about 1-to-1, utilities are heavy in assets, and have correspondingly low turn overs. Our averages are from 0.16 to 0.30. The 1.000/asset turnover is the key multiplier used to obtain total assets in cell E148.

A number of special ratios are computed in the industry. Additional ratios may be added on lines 461 to 500.

● 4.5 Coverage Ratios, lines 317-320: Coverage ratios tell us how well protected our interest and other fixed payments are secured, or covered. Interest coverage is computed by adding interest paid to earnings before taxes, and dividing the result by interest paid. Coverage should be twice interest, as a minimum.

Interest and dividend coverage is an indication of how well our dividends are covered. Dividends are paid after taxes, and must be corrected to a before tax figure by dividing the total by (1.000 minus the tax rate).

Fixed finance payment coverage is computed the same way, and should include principal payments on debt (corrected for taxes) and other fixed finance charges (long-term leases) if data are available.

• 4.6 Leverage Ratios, lines 321,322: Leverage ratios developed by dividing debt by total assets, or debt by equity. If a firm is well into the black on its income statement, it can increase its return on equity by increasing its debt ratio. The trade-off is that the firm takes on a higher risk that it will not be able to pay the increased interest and other fixed financing charges in the future.

Utilities, such as water supply and waste water treatment plants typically have high debt to equity ratios since their income is fixed, and there is little danger that they will not be able to meet these financial obligations.

Even privatized utilities are able to carry relatively high debt ratios.

● 4.7 Profitability, lines 324-328: Profitability measures include margin, or net profit over revenues, return on assets, and return on equity. The equity in a municipally-owned firm is imputed as the contributed capital plus retained earnings.

The guidelines for return on equity may be computed by using the formula shown on line 434 (default value of 0.116). This equity return is averaged with debt interest rates using a weighted average technique. Firms that earn this overall rate of return are able to pay interest on their debt and also reward equity holders with dividends. In the model, dividends provide about 40 percent of stockholder return, and growth is expected to provide about 60 percent. Firms that earn this target rate of return will show a zero net present value for cash flows when the weighted cost of capital is used as a discount factor; the internal rate of return will equal the WCC (cell G429).

Municipalities may be subsidizing the utility if the NPV is negative, and may be subsidizing other operations if the NPV is positive.

● 4.8 Growth ratios, lines 330-334: Two factors influence growth of revenues, real growth in operations, and inflation. Real growth increases at about two percent for a mature utility, and the default value for inflation is 3 percent. See help frame 1.9 for the computations to integrate thee values into the model.

Cash flow, earnings, and dividend growth are geometric averages of the growth over the ten year period.

- 4.9 Operating Statistics, lines 337-338: Data on operating statistics are not available at this time.
- 5.1 Operating Cash Flows, lines 364-367: Money received from customers is taken from line 71; cash payments from line 93 after, adding back depreciation and amortization.

An increase in current asses (less cash in this case) or a decrease in current liabilities is a use of cash (lines 369, 370). Tax payments are also negative cash flows and are deleted from operating cash flows, to give a net operating cash flow (line 372).

● 5.2 Other Cash Flows, lines 374-394: Cash flows from non-capital accounts are netted out, with "advances to" as negative and "payments from" as positive.

The retirement of long-term (LT) debt is a negative cash flow, and may include payments out of restricted assets.

Interest on LT debt and dividends are negative cash flows, but may be offset by investment interest. Purchases of securities is a negative cash flow if the securities are listed as an increase in another asset account; sales of securities is a positive cash flow.

- 5.3 Summary of Cash Flows, lines 396-400: Net cash flow is the algebraic sum of lines 372, 378, 390, 393, and 394. Net cash flow is added to cash available at the beginning of the year to obtain cash available at the end of the year. This value should be carried up to the balance sheet for the year as the cash balance.
- 6.1 Payback, lines 403-406: Payback computations are based upon net cash flow (line 396), lagged one year, subtracted from original capital invested (debt plus equity).

Payback is very slow for most utilities due to the heavy investment and regulated environment that limits returns; thus, payback is not a good measure of performance for utilities.

We have artificially assumed an infinite life, and amortized the cash flows beyond year ten at the cost of capital (cell G429) to show that payback of all capital does occur (as signified by the negative number in cell K406). On the average, over two-thirds of the investment is paid back at the end of year ten (K406/F404).

The second payback computation is based upon payback of contributed capital (equity), as is normal in financial analysis.

● 6.2 Internal Rate of Return, lines 409, 410: The amortized value of cash flows for years ten and beyond are included in cell K409 to arrive at a fair IRR based upon equity investment.

This internal rate of return is on original equity (contributed capital).

• 6.3 Net Present Value, lines 413-415: The net present value calculations are provided for both equity and total investments, and represent the values of the cash flows the utility will generate, discounted at the cost of equity (cell D427) less the original equity investment (cell E175).

A positive net present value would indicate a potential for privatization of the utility.

Uniform equivalent cost is computed by using the total capital invested (all debt plus equity). This figure is divided by the present value of an annuity figure for the weighted cost of capital figure. (We used the closest approximation available from our present value tables.)

● 7.1 Cost of Components, lines 424-428: Cost of debt is the current cost of borrowing when considering new investments. For a municipal, that cost would be the interest paid on a bond issue,

adjusted for issuing expenses. We assume that the bonds would be tax-free. The after tax default value for both municipalities and firms is 0.06 since municipal interest is not subject to federal tax, but interest on private debt must be adjusted for the federal tax effect; thus, multiply interest rate by (1.0 minus tax rate).

Cost of preferred stock is the dividend paid divided by the issue proceeds. We have assumed a \$9 dividend and issue proceeds of \$100.

Cost of equity is computed using a financial formula based upon the capital asset pricing model. An alternative approach, which assumes a constant growth pattern, gives a much smaller required return on equity. The conservative approach was taken, giving a default value of 11.6 percent.

● 7.2 Weighted Average Costs, lines 424-427: We have used the book values of debt and equity for the first year to determine market values of the components. Proportions are the value of each component divided by the total value of all components.

The After Tax Cost of each component is multiplied by that component's proportion to obtain a weighted cost for the component.

The weighted cost of each component is summed to provide a Weighted Cost of Capital (WCC). The default value varies, but is approximately 8 percent. This value, the WCC, is used as the discount value when computing net present value of the firm, debt plus equity.

A sample copy of a PC-FINPACK generated spreadsheet is on the next page.

We hope PC-FINPACK proves to be helpful in your financial analysis of water-supply and -disposal facilities and, perhaps, other kinds of projects when appropriate multipliers become available.

SAMPLE PC-FINPACK SPREADSHEET

```
Data Base A: Private Water Supply, 19XX - 19XX+10
                                                    NOTES: Column D will be deleted in final worksheet. Currently, we have
                                                     small, medium, and large population-categories.
  1.6
                                                    Users must manually select the appropriate file from the disks provided at this time--watSupA to WatSupRR, based upon size, region, municipal or
Type of Project
  Municipal Water Supply 10
Municipal Waste Water Disposal
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                                                    private, and water supply or waste water disposal categories.
                                    12 XXX
  Private Water Supply
                                                    So directly to help-screen A 1.10 and review the default values. Ente the number of hook-ups expected into cells E40-E42, usage per hook-up into cells I40-I42, and rate per 1,000 gallons into cells C45-C47.
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Region:
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                                                     Telephone Dr. Edward M. Pierce at (305) 472-1048 or (305) 475-7684. if
   West
                                      25 XXX
                                                     you have problems, or need information on special considerations such as
                                                     treatment or capital investment multipliers or problems with the model.
                                                     Data base questions should be referred to Dr. G. Richard Dreese, (614) 251-4566. Hodel-access and programming questions should be referred to Mr. Bill Clark, Engineer Institute for Nater Resources, (703) 355-2240.
Source of Water Supply
                                      29
                                       30 XXX
   well.
                                      31
                                      32
                                      33
 he default values for this project will be based upon:
                                             Revised
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                                      36
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  1.11
  pecial Considerations:
                                       50
                                       51 See line $1, help screen.
   Treatment cost multiplier
   Supplemental capital investm 52
 Pinancing costs:
                                       54 Default
                                                                  Revised
                                              0.100
   Short-term debt
   Intermendiate-term debt
                                       56
                                              0.100
                                                                    0.100
                                              0.100
   Long-term debt
   Preferred Stock
                                       58
                                              0.090
                                                                    0.090
                                              0.116
   Equity
                                       60
                                                                                                                         Multiplier
 INCOME AND EXPENSES, PRIVATE WATER SUPPLY, MEDIUM, WEST (Dollars in thousands)
                                                                                                                         to 6th power
                                       62
                                                        Dne +
                                                                                                                                         2001 REFERENCE
                                                                                                                   1995
 OPERATING REVENUES
                                                      Multiplie
                                                                                             1994
                                       63
                                                                                                                                    19566.9 +k45
                                                                                        13905.9
                                                                                                       1.050
                                                                                                              14601.1
                                                         1.050 13243.7
1.050 4518.4
                                                                                1.050
    Residential
                                            12613.0
                                                                                1.050
                                                                                                       1.050
                                                                                                                 4981.5
                                                                                                                            1.340
                                                                                                                                      6675.7
727.7
                                                                   4518.4
492.5
                                                                                          4744.3
517.1
                                                                                                                                                  k46
                                             4303.2
   Compercial
                                                                                                                  543.0
    Industrial
                                               469.1
                                                          1.050
                                                          1.050
                                                                       0.0
                                                                                1.050
                                                                                              0.0
                                                                                                       1.050
                                                                                                                    0.0
                                                                                                                             1.340
                                                                                                                                           9.0
   Heavy Industrial
                                                                                                       1.050
                                                                                                                             1.340
                                                                                                                    0.0
       ess bad accounts
                                       68
                                                 0.0
                                                          1.050
                                                                       9.0
                                                                                1.050
                                                                                              0.0
                                                                                              0.0
                                                                                                       1.050
                                                                                                                    0.0
                                                                                                                             1.340
                                                                                                                                           0.0
                                                                       0.0
                                                                                1.050
                                                          1.050
   Other Operating Income
                                               0.0
                                       70
71 17385.3
                                                                                                                            1.340 26970.3 Suppod
                                                                                                       1.050 20125.6
                                                        1.050 18254.6
                                                                                1.050 19167.3
      Total Oper. Rev., 1st Yr.
                                       72
 OPERATING EXPENSES
                                                                        0.0
                                                                                               0.0
                                                                                                                     0.0
                                                                                                                                           0.0
                              0.000
                                       75
                                                 0.0
    Employee Salaries
                                                                                                                                           0.0
    Soc. Sec. Benefits
                               0.000
                                                  0.0
                                                                        0.0
                                                                                               0.0
                                                                                                                     0.0
                                                                                                                     0.0
                                                                                                                                           0.0
    Prince Benefits
                               0.000
                                       77
                                                  0.0
                                                                        0.0
                                                                                                                                           0.0
                               0.000
                                       78
79
                                                  0.0
                                                                        0.0
                                                                                               0.0
                                                                                                                     0.0
    Heat-Light-Power
                                                                                                                     0.0
                                                                                                                                           0.0
                               0.000
                                                                        0.0
    Supplies-Materials
                                                  0.0
                                                                                                                             0.0 % of sal
1.340 13136.5 •71*.567
                                        80
                                                                                               0.0-
                                                                                                                     0.0
    Maintenance
                                                                                                       1.050 9801.2
                                                                                 1.050
                                                                                          9334.5
    Other
                               0.722
                                             8466.6
                                                          1.050 8890.0
                                       81
                                                                                           9334.5
                                                                                                        1.050
                                                                                                                9801.2
                                                                                                                             1.340 13134.5 Summed
                               0.722
                                              8466.6
                                                          1.050
  VARIABLE EXPENSES
                                       83
                                                                                                                                           0.0 Capacity
    Amortization
                               0.000
                                       85
                                                                                                                             1.000
                                                                                                                                       1303.9 adequate
0.0 +71*.087
                                                                                 1.000
                                                           1.000
                                                                    1303.9
                                                                                                        1.000 1303.9
                               0.111
                                              1303.9
                                                                                           1303.9
    Depreciation
                                               0.0
    Insurance
Professional Fees
                                        87
                                                                        0.0
                                                                                               0.0
                                                                                                                     0.0
                               0.000
                                                                                                                              1.55 3031.5 Increased
                                                                                                        1.000 1954.1
                                                                                 1.000
                                                                                          1954.1
                                              1954.1
                                                          1.000 1954.1
                               0.167
                                        89
    Other (Taxes)
                                                                                                                             1.331 4335.4 Summed
                                                                                                        1.000 3258.0
                                                          1.000 3258.0
                                                                                 1.000 3258.0
                                             3258.0
                               0.278 91
  FIXED EXPENSES
```

1.000 93 11724.6

TOTAL OPER.EXPENSES

1.036 12148.0

1.037 12592.5

.ppr(?)~

omr132-os\015-qgpq8 3.IWR

WatSupD

rj(right)(right)(right)(right)

(right)(right)-

(Medium, West)

1.037 13059.2

1.338 17469.9 083+091

•

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_												
	OPERATING EARNINGS (LOSSES)	9 4 4	5660.7	1.079	5106.6	1.077	5574.8	1.075	7066.5	1.344	3500.4	a71-a93
	NON-OPERATING REVENUES (EXPENS	96 (RS)	2000.7	2.075	7200.0		,,,,,,					
	Interest Income	9 8 9 9	0.0		2.0		0.0		0.0		0.0	
	Other Income	100	0.0		0.0		0.0		0.0		0.0	
	Sale Fixed assets Interest Expense 0.096	101	0.0 -3 695.4		0.0 +3 695.4		0.0 -3 695.4		0.0 -3 695.4		0.0 -3 695.4	
_	Other	103	0.0		3.0		0.0		0.0		0.0	
_	NET NON-OPERATING EARNINGS	105	-3695.4		-3695.4	•	-3695.4	-	-3695.4	_	-3695.4 D	Sebt inte
	NET EARNINGS Tax 0.400 0.045	107 108	19 65.3 78 6.1	1.000	2411.2 964.5	1.000	2879.5 1151.8	1.171	3371.1 1348.4	1.722	5805.0 23 22. 0	•71°.136
	PROFIT AFTER TAX 0.068	109	1179.2		1446.7	1	1727.7	•	2022.7		3483.0	
_	Preferred Stock Dividends	111	-76.7		-76.7		-76.7		-76.7		-76.7 X	Tot means
۳	Common Dividends	112	-471.7 0.0		-57 8.7 0.0		-691.1 0.0		-809.1 0.0		-1393.2 0.0	e110°.04
Ħ		116	53 0.8		791.3		959.9		1136.9		2013.1 5	Summed
	3.209											
	CASE COMPUTATIONS Cash BOY (Begin. of Yr.)	116	2557.8	1.053	2592.4	1.050	2827.0	1.050	2968.4	1.340	3977.9	
	Cash EOY (End of Yr.)	118	2692.4		2827.0		2968.4		3116.8		4176.8	
	Cash Avail. for Withdrawal	119 120	67.3		121.2		127.2		133.6		179.0	
	BALANCE SHEET, PRIVATE WATER		Y, MEDIUM,	West ((Dollars in	thousan	de)					
	CURRENT ASSETS	123	1992		1993		1994		1995			REFERENCE
	Cash (line 118) 0.040		2692.4	1.050	2827.0	1.050	1968.4	1.050	3116.8	1.340	:176.8	
	Accounts Receivable Due From Other Funds	125 126	16.4 0.0		1.0		. 0.0		0.0		1.0 0.0 2	AR dummy
_	Due from Other Governments	127	2.0		3.0		3.0		3.0		0.0	
	Inventory, at cost Other CA 0.032	128	16.4 2147.9	1.350	1.3 2255.3	1.050	1.0 236 8.0	1.050	1.0 2 486.4	1.340	1.0 33 32.1	+-148*.1
	Total, Curr. Asset 0.072	130	1873.2		5084.3		5338.4		5605.3	-	7510.9	
		132										
_	RESTRICTED ASSETS Investments	133 134	o. o		o. o		0. 0		0.0		0.0	
	ARContributed Capital	135	0.0		0.0		0.0		0.0		0.0	
۶	Tot. Rest. Assets 0.000		0.0		0.0		0.0		0.0		0.0	
	FIXED ASSETS	13 8 139										
	Plant & Equipment	140	55531.3		55 531. 3		55 531.3		55531.3			•148*.80
_	Less Depreciation	141	0.0		0.0		0.0		0.0			Asseume r depreciat
		142	0.0		0.0		0.0		0.0		0.0	
	Construction In Progress	143	0. 0		0. 0		0.0		0.0			support g
	Construction In Progress Tot. Fixed Assets 0.825	143 144 145	55531.3		55531.3		55531.3		0.0 55531.3		0.0 55 531 .3	support g
	Construction In Progress	143 144 145	0.0	1.050	55531.3	1.050	0.0	1.050	0.0 55531.3 7994.7		0.0 55 531 .3 10 713 .7	Summed Add amort e148*.09
	Construction In Progress Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-1ST YR	143 144 145 146 147 148	55531.3 6906.2	1.050	55531.3 7251.5 67867.1	1.050	0.0 55531.3 7614.0		0.0 55531.3 7994.7 69131.3		0.0 55531.3 10713.7 73755.9	Summed Add amort e148*.09 (Assets/R
l	Construction In Progress Tot. Fixed Assets 9.825 Other Assets 0.103 COMPUTED TOT. ASSETS-1ST YR ASSETS MINUS LIABILITIES	143 144 145 146 147 148 149	0.0 55531.3 6906.2	1.050	0.0 55531.3 7251.5	1.050	0.0 55531.3 7616.0		0.0 55531.3 7994.7 69131.3 0.0		0.0 55531.3 10713.7 73755.9	Summed Add amort e148*.09
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY	143 144 145 146 147 148 149 150	0.0 55531.3 6906.2 67310.6 0.0	1.050	0.0 55531.3 7251.5 67867.1	1.050	0.0 55531.3 7616.0 68483.8 0.0		0.0 55531.3 7994.7 69131.3		0.0 55531.3 10713.7 73755.9 0.0	Summed Add amort el48*.09 (Assets/R Assets -
	Tot. Fired Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-1ST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES	143 144 145 146 147 148 149 150 151	67310.6 0.0 67310.6	1.050	0.0 55531.3 7251.5 67867.1	1.050	0.0 55531.3 7616.0 68483.8 0.0		0.0 55531.3 7994.7 69131.3 0.0		0.0 55531.3 10713.7 73755.9 0.0	Summed Add amort e148*.09 (Assets/R
	Tot. Fired Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable Accrused Expenses	143 144 145 146 147 148 149 150 151 152 153 154	67310.6 0.0 67310.6 0.0 67310.6	1.050	55531.3 7251.5 67867.1 -0.0 67867.1	1.050	0.0 55531.3 7614.0 68483.8 0.0 68483.8		0.0 55531.3 7994.7 69131.3 0.0 69131.3		0.0 55531.3 10713.7 73755.9 0.0 73755.9	Summed Add amort el48*.09 (Assets/R Assets -
	Tot. Fixed Assets 9.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES ACCOUNTS PROPALE	143 144 145 146 147 148 149 150 151 152 153 154 155	0.0 55531.3 6906.2 67310.6 0.0 67310.6	1.050	67867.1 0.0	1.050	0.0 55531.3 7616.0 68483.8 0.0 68483.8		0.0 55531.3 7994.7 69131.3 0.0 69131.3		0.0 55531.3 10713.7 73755.9 0.0 73755.9	Summed Add amort el48*.09 (Assets/R Assets -
	Tot. Fired Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable Accrued Expenses Short Term Debt Current Part. LT Debt Due to Other Funds	143 144 145 146 147 148 149 150 151 152 153 154 155 156	55531.3 6906.2 67310.6 0.0 67310.6		0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 0.0		0.0 55531.3 7614.0 68483.8 0.0 68483.8 0.0 0.0 0.0 0.0 0.0		0.0 55531.3 7994.7 69131.3 0.0 69131.3	•	0.0 55531.3 10713.7 73755.9 0.0 73755.9	Summed Add amort el48*.09 (Assets/R Assets -
	Tot. Fixed Assets 9.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable Accrued Expenses Short Term Debt Current Part. LT Debt	143 144 145 146 147 148 149 150 151 152 153 155 156 157	0.0 55531.3 6906.2 67310.6 0.0 67310.6 0.0 0.0 0.0 0.0 0.0	1.050	0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 0.0	1.050	0.0 55531.3 7614.0 68483.8 0.0 58483.8		0.0 55531.3 7994.7 69131.3 0.0 69131.3		0.0 55531.3 10713.7 73755.9 0.0 73755.9	Summed Add amort el48*.09 (Assets/R Assets -
	Tot. Fired Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES ACCOUNTS Payenle CUTTENT PATE. LT Debt Due to Other Punds Other 0.099 Total Curr. Liabilities	143 144 145 146 147 149 150 151 152 153 154 155 156 157 158 159 160	55531.3 6906.2 67310.6 0.0 67310.6		0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 0.0		0.0 55531.3 7614.0 68483.8 0.0 68483.8 0.0 0.0 0.0 0.0 0.0		0.0 55531.3 7994.7 69131.3 0.0 69131.3	•	0.0 55531.3 10713.7 73755.9 0.0 73755.9	Summed Add amort e148*.09 (Assets/R Assets -
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable Accrued Expenses Short Term Debt Current Part. LT Debt Due to Other Punds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET Contracts Payable	143 144 145 146 147 148 150 151 152 153 155 156 157 158 159 160	0.0 55531.3 6906.2 67310.6 0.0 67310.6 2.0 0.0 0.0 0.0 0.0 6638.8 6638.8		0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 0.0 6403.9 0.0		0.0 55531.3 7516.0 68483.8 0.0 58483.8 0.0 0.0 0.0 0.0 0.0 6060.7		0.0 55531.3 7994.7 69131.3 0.0 69131.3 0.0 0.0 0.0 0.0 0.0 5571.4	•	0.0 55531.3 10713.7 73755.9 0.0 73755.9 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Summed Add amort e148*.09 (Assets/R Assets -
	Tot. Fired Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES ACCOUNTS PSYMPLE ACCIVED EXPENSES Short Term Debt Current Part. LT Debt Due to Other Punds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET Contracts Psymble Deposits	143 144 145 146 149 150 151 153 154 155 156 157 160 163 164	0.0 55531.3 6906.2 67310.6 0.0 67310.6 0.0 0.0 0.0 0.0 0.0 6638.8 0.0 0.0		0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 6403.9 6403.9		0.0 55531.3 7614.0 68483.8 0.0 68483.8 0.0 0.0 0.0 0.0 0.0 6060.7 0.0 0.0		0.0 55531.3 7994.7 69131.3 0.0 69131.3 0.0 0.0 0.0 0.0 5571.4 0.0 0.0	•	0.0 55531.3 10713.7 73755.9 0.0 73755.9 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Summed Add amort e148*.09 (Assets/R Assets -
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable Accrued Expenses Short Term Debt Current Part. LT Debt Due to Other Punds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET Contracts Payable	143 144 145 146 149 150 151 153 154 155 156 157 160 163 164	0.0 55531.3 6906.2 67310.6 0.0 67310.6 2.0 0.0 0.0 0.0 0.0 6638.8 6638.8		0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 0.0 6403.9 0.0		0.0 55531.3 7614.0 60483.8 0.0 68483.8 0.0 0.0 0.0 0.0 0.0 6060.7 6060.7		0.0 55531.3 7994.7 69131.3 0.0 69131.3 0.0 0.0 0.0 0.0 5571.4 0.0 0.0	•	0.0 55531.3 10713.7 73755.9 0.0 73755.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Summed Add amort e148*.09 (Assets/R Assets -
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable Accrued Expenses Short Term Debt Current Part. LT Debt Due to Other Funds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET Contracts Payable Deposits Total, Payable from R.A. ADVANCES FROM OTHER FUNDS	143 144 145 146 147 148 150 151 152 155 155 157 158 163 163 163 165 165 166 165 166	0.0 55531.3 6906.2 67310.6 0.0 67310.6 0.0 0.0 0.0 0.0 0.0 6638.8 0.0 0.0		0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 6403.9 6403.9		0.0 55531.3 7614.0 68483.8 0.0 68483.8 0.0 0.0 0.0 0.0 0.0 6060.7 0.0 0.0		0.0 55531.3 7994.7 69131.3 0.0 69131.3 0.0 0.0 0.0 0.0 5571.4 0.0 0.0	•	0.0 55531.3 10713.7 73755.9 0.0 73755.9 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Summed Add amort olise.09 (Assets/R Assets - Page Summed
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES ACCOUNTS PRYSEDLE ACCOUNTS PRIVED ACCOUNTS PRIVED ACCOUNTS PRIVED ACCOUNTS PRIVED CUTTENT PART. LT Debt Due to Other Punds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET Contracts Payable Deposits Total, Payable from R.A. ADVANCES FROM OTHER FUNDS LONG TERM LIABILITIES	143 144 145 146 147 148 159 151 153 154 157 158 160 163 164 165 166 166 167 168	0.0 55531.3 6906.2 67310.6 0.0 67310.6 0.0 0.0 0.0 0.0 6638.8 0.0 0.0 0.0		0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 0.0 6403.9 6403.9		0.0 55531.3 7614.0 60483.8 0.0 68483.8 0.0 0.0 0.0 0.0 0.0 6060.7 6060.7		0.0 55531.3 7994.7 69131.3 0.0 69131.3 0.0 0.0 0.0 0.0 5571.4 0.0 0.0	•	0.0 55531.3 10713.7 73755.9 0.0 73755.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Summed Add amort e148*.09 (Assets/R Assets - Page
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable Accrued Expenses Short Term Debt Current Part. LT Debt Due to Other Funds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET Contracts Payable Deposits Total, Payable from R.A. ADVANCES FROM OTHER FUNDS LONG TERM LIABILITIES Intermediate-Term De 0.236 Long Term Debt 0.313	143 144 146 147 148 159 150 151 152 153 154 157 160 8 162 163 164 165 166 166 166 166 169 170	0.0 55531.3 6906.2 67310.6 0.0 67310.6 0.0 0.0 0.0 0.0 0.0 6638.8 0.0 0.0 0.0		0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 0.0 6403.9 6403.9 0.0 0.0		0.0 55531.3 7614.0 60483.8 0.0 68483.8 0.0 0.0 0.0 0.0 6060.7 6060.7		0.0 55531.3 7994.7 69131.3 0.0 69131.3 0.0 0.0 0.0 0.0 5571.4 0.0 0.0 0.0	•	0.0 55531.3 10713.7 73755.9 0.0 73755.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Summed Add emort el8*.09 (Assets/R Assets - Page Summed
	Tot. Fired Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY TURRENT LIABILITIES ACCOUNTS PRYSEDLE ACCOUNTS PRISED ACCOUNTS PRISED ACCOUNTS PRISED CUTTENT DEBT CUTTENT PART. LT DEBT DUE to Other Funds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET CONTRACTS PRYSEDLE DEPOSITS Total, Payable from R.A. ADVANCES FROM OTHER FUNDS LONG TERM LIABILITIES Intermediate-Term De 0.216 EQUITY	143 144 146 147 148 149 150 151 152 153 155 156 158 162 163 164 165 167 168 171 171	0.0 55531.3 6906.2 67310.6 0.0 67310.6 0.0 0.0 0.0 0.0 6638.8 0.0 0.0 0.0 15885.3 21068.2		0.0 \$5531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 6403.9 6403.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		0.0 55531.3 7516.0 68483.8 0.0 68483.8 0.0 0.0 0.0 0.0 0.0 6060.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0		0.0 55531.3 7994.7 69131.3 0.0 69131.3 0.0 0.0 0.0 0.0 5571.4 0.0 0.0 0.0	•	0.0 55531.3 10713.7 73755.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Summed Add amort e148*.09 (Assets/R Assets - Page Summed Adjust to schedule e148*.17
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable Accrued Expenses Short Term Debt Current Part. LT Debt Due to Other Funds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET Contracts Payable Deposits Total, Payable from R.A. ADVANCES FROM OTHER FUNDS LONG TERM LIABILITIES Intermediate-Torm De 0.236 Long Term Debt 0.313 EQUITY Preferred Stock 0.013	143 144 146 147 148 149 150 151 152 153 154 155 156 163 164 165 166 167 171 172 172 173	0.0 55531.3 6906.2 67310.6 0.0 67310.6 0.0 0.0 0.0 0.0 6638.8 6638.8 0.0 0.0 0.0		0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 6403.9 6403.9 0.0 0.0 0.0 0.0 0.0 0.0 15885.3 21068.2 1278.9 21808.6		0.0 55531.3 7616.0 68483.8 0.0 68483.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		0.0 55531.3 7994.7 69131.3 0.0 0.0 0.0 0.0 0.0 5571.4 0.0 0.0 0.0 15885.3 21068.2	1.340	0.0 55531.3 10713.7 73755.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 3182.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Summed Add emort el88*.09 (Assets/R Assets - Page Summed Adjust to schedule el48*.17 el48*.35
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY TURRENT LIABILITIES ACCOUNTS PRYSEDLE ACCOUNTS PRYSEDLE ACCOUNTS PRINCE CUTTENT DEBT CUTTENT PART. LT DEBT DUE to Other Funds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET CONTRACTS PRYSEDLE DEPOSITS Total, Payable from R.A. ADVANCES FROM OTHER FUNDS LONG TERM LIABILITIES Intermediate-Term De 0.236 LONG TERM LIABILITIES EQUITY PREFERRED STOCK 0.313 EQUITY Preferred Stock 0.324 Common Stock 0.324 Common Stock 0.324	143 144 146 147 148 149 150 151 152 153 155 156 158 162 163 164 166 167 171 172 172 173 174	0.0 55531.3 6906.2 67310.6 0.0 67310.6 2.0 0.0 0.0 0.0 6638.8 6638.8 0.0 0.0 0.0		0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 6403.9 6403.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		0.0 55531.3 7516.0 68483.8 0.0 68483.8 0.0 0.0 0.0 0.0 6060.7 0.0 0.0 0.0 0.0 15885.3 21068.2		0.0 55531.3 7994.7 69131.3 0.0 0.0 0.0 0.0 0.0 5571.4 0.0 0.0 0.0 0.0 15845.3 21068.2 1278.9 21808.6 0.0	1.340	0.0 55531.3 10713.7 73755.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Summed Add amort e148*.09 (Assets/R Assets - Page Summed Adjust to schedule e148*.17 e148*.35 e148*.00
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable Accrued Expenses Short Term Debt Current Part. LT Debt Due to Other Funds Other 0.099 Total Curr. Liabilities PATABLE FROM RESTRICTED ASSET Contracts Payable Deposits Total, Payable from R.A. ADVANCES FROM OTHER FUNDS LONG TERM LIABILITIES Intermediate-Term De 0.236 LONG TERM LIABILITIES Intermediate-Term De 0.313 EQUITY Preferred Stock 0.019 Common Stock 0.324 Contributed Capital 0.000 Retained Earnings 0.005	143 144 146 147 148 149 150 151 152 153 155 156 167 168 169 171 172 173 174 175 175	0.0 55531.3 6906.2 67310.6 0.0 67310.6 0.0 0.0 0.0 0.0 0.0 0.0 6638.8 6638.8 0.0 0.0 15885.3 21068.2 1278.9 21808.6 0.0 630.8		0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 0.0 6403.9 6403.9 0.0 0.0 0.0 0.0 15885.3 21068.2 1278.9 21808.6 0.0		0.0 55531.3 7614.0 60483.8 0.0 68483.8 0.0 0.0 0.0 0.0 6060.7 6060.7 0.0 0.0 0.0 0.0 15885.3 21068.2 1278.9 21808.6		0.0 55531.3 7994.7 69131.3 0.0 0.0 0.0 0.0 0.0 5571.4 0.0 0.0 0.0 0.0 15845.3 21068.2 1278.9 21808.6 0.0	1.340	0.0 55531.3 10713.7 73755.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Summed Add emort else.09 (Assets/R Assets - Page Summed Adjust to schedule else.17 else.35 else.00 else.36 0 Begin o /3)*
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY TURRENT LIABILITIES Accounts Payable Accrued Expenses Short Term Debt Current Part. LT Debt Due to Other Punds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET Contracts Payable Deposits Total, Payable from R.A. ADVANCES FROM OTHER FUNDS LONG TERM LIABILITIES Intermediate-Term De 0.236 LONG Term Debt 0.313 EQUITY Preferred Stock 0.019 Common Stock 0.0124 Common Stock 0.324 Contributed Capital 0.000 Retained Earnings 0.003	143 144 146 147 148 149 150 151 152 153 154 155 156 157 160 161 163 164 165 167 171 172 172 176 176 177 176 177	0.0 55531.3 6906.2 67310.6 0.0 67310.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0		0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 6403.9 6403.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		0.0 55531.3 7616.0 68483.8 0.0 68483.8 0.0 0.0 0.0 0.0 0.0 6060.7 0.0 0.0 0.0 0.0 15885.3 21068.2 1278.9 21808.6 0.0 0.2 0.2 0.2 0.2 0.0 0.0 0.0		0.0 55531.3 7994.7 69131.3 0.0 69131.3 0.0 0.0 0.0 0.0 5571.4 0.0 0.0 0.0 15845.3 21068.2 1278.9 21808.6 0.0 0.0 0.0	1.340 Not corre	0.0 55531.3 10713.7 73755.9 0.0 73755.9 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Summed Add amort e148*.09 (Assets/R Assets - Page Summed Adjust to schedule e148*.35 e148*.35 e148*.36 0 Begin o /3)* Summed
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable Accrued Expenses Short Term Debt Current Part. IT Debt Due to Other Punds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET Contracts Payable Deposits Total, Payable from R.A. ADVANCES FROM OTHER FUNDS LONG TERM LIABILITIES Intermediate-Term De 0.236 LONG Term Debt 0.313 EQUITY Preferred Stock 0.019 Common Stock 0.324 Contributed Capital 0.000 Retained Earnings 0.005 Total Equity 0.352 Total Liabil. 4 Equity	143 144 145 146 149 151 152 153 154 155 155 160 163 163 164 165 163 164 174 172 173 174 177 177 177 177 177 177 177 177 177	0.0 55531.3 6906.2 67310.6 0.0 67310.6 0.0 0.0 0.0 0.0 0.0 6638.8 6638.8 0.0 0.0 0.0 15885.3 21068.2 1278.9 21808.6 0.0 630.8		0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 6403.9 6403.9 6403.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		0.0 55531.3 7514.0 68483.8 0.0 68483.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		0.0 55531.3 7994.7 69131.3 0.0 69131.3 0.0 0.0 0.0 0.0 0.0 5571.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1.340 Not corre	0.0 55531.3 10713.7 73755.9 0.0 73755.9 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Summed Add amort e148*.09 (Assets/R Assets - Page Summed Adjust to schedule e148*.35 e148*.35 e148*.36 0 Begin o /3)* Summed
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY TURRENT LIABILITIES Accounts Payable Accrued Expenses Short Term Debt Current Part. LT Debt Due to Other Punds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET Contracts Payable Deposits Total, Payable from R.A. ADVANCES FROM OTHER FUNDS LONG TERM LIABILITIES Intermediate-Term De 0.236 LONG Term Debt 0.313 EQUITY Preferred Stock 0.019 Common Stock 0.0124 Common Stock 0.324 Contributed Capital 0.000 Retained Earnings 0.003	143 144 147 148 149 150 151 152 153 154 155 156 157 160 163 164 165 167 171 172 173 174 175 177 177 177 177 177 177 177 177 177	0.0 55531.3 6906.2 67310.6 0.0 67310.6 0.0 0.0 0.0 0.0 0.0 0.0 6638.8 6638.8 0.0 0.0 0.0 15885.3 21068.2 1278.9 21808.6 0.3 67310.6	1.050	0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 6403.9 6403.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1.050	0.0 55531.3 7614.0 68483.8 0.0 68483.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		0.0 55531.3 7994.7 69131.3 0.0 69131.3 0.0 0.0 0.0 0.0 5571.4 0.0 0.0 15885.3 21068.2 1278.9 21808.6 0.0 3518.8	1.340 Not corre	0.0 55531.3 10713.7 73755.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Summed Add emort else.09 (Assets/R Assets - Page Summed Adjust to schedule else.17 else.35 else.36 0 Begin o /3)* Summed RE summed for 96 to
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable Accrued Expenses Short Term Debt Current Part. LT Debt Due to Other Punds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET Contracts Payable Deposits Total, Payable from R.A. ADVANCES FROM OTHER FUNDS LONG TERM LIABILITIES Intermediate-Term De 0.236 LONG Term Debt 0.313 EQUITY Preferred Stock 0.019 Common Stock 0.324 Contributed Capital 0.000 Retained Earnings 0.005 Total Equity 0.352 Total Liabil. 4 Equity 1.000 NORMALIZED INCOME STATEMENTS.	143 144 146 147 148 149 151 152 153 154 155 156 157 158 163 163 164 165 163 164 172 172 172 172 173 174 177 177 177 177 177 177 177 177 177	0.0 55531.3 6906.2 67310.6 0.0 67310.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 6638.8 0.0 0.0 0.0 15885.3 21068.2 1278.9 21808.6 0.0 630.8	1.050	0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 6403.9 6403.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1.050	0.0 55531.3 7616.0 68483.8 0.0 68483.8 0.0 0.0 0.0 0.0 0.0 6060.7 0.0 0.0 0.0 0.0 15885.3 21068.2 1278.9 21808.6 0.0 0.2 0.2 0.2 0.2 0.0 0.0 0.0		0.0 55531.3 7994.7 69131.3 0.0 69131.3 0.0 0.0 0.0 0.0 5571.4 0.0 0.0 0.0 15845.3 21068.2 1278.9 21808.6 0.0 0.0 0.0	1.340 Not corre	0.0 55531.3 10713.7 73755.9 0.0 73755.9 2.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Summed Add emort olds*.09 (Assets/R Assets - Page Summed Adjust to schedule olds*.17 olds*.35 olds*.36 0 Begin o /3)* Summed RE summed
	Tot. Fixed Assets 0.825 Other Assets 0.103 COMPUTED TOT. ASSETS-IST YR ASSETS MINUS LIABILITIES SUM OF ASSET-ELEMENTS-CHECK LIABILITIES AND EQUITY TURRENT LIABILITIES Accounts Payable Accrued Expenses Short Term Debt Current Part. LT Debt Due to Other Funds Other 0.099 Total Curr. Liabilities PAYABLE FROM RESTRICTED ASSET Contracts Payable Deposits Total, Payable from R.A. ADVANCES FROM OTHER FUNDS LONG TERM LIABILITIES Intermediate-Term De 0.236 Long Term Debt 0.313 EQUITY Preferred Stock 0.324 Common Stock 0.326 Common Stock 0.326 Total Equity 0.352 Total Liabil. 4 Equity	143 144 147 146 151 152 153 155 155 156 167 160 167 171 173 175 176 177 177 178 177 178 177 178 179 170 177 178 179 179 179 179 179 179 179 179 179 179	0.0 55531.3 6906.2 67310.6 0.0 67310.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.050	0.0 55531.3 7251.5 67867.1 -0.0 67867.1 0.0 0.0 0.0 6403.9 6403.9 6403.9 0.0 0.0 0.0 15885.3 21068.2 1278.9 21808.6 0.0 1422.1 24509.6	1.050	0.0 55531.3 7614.0 68483.8 0.0 68483.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0		0.0 55531.3 7994.7 69131.3 0.0 69131.3 0.0 0.0 0.0 0.0 5571.4 0.0 0.0 15885.3 21068.2 1278.9 21808.6 0.0 3518.8	1.340 Not corre	0.0 55531.3 10713.7 73755.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	Summed Add emort else.09 (Assets/R Assets - Page Summed Adjust to schedule else.17 else.35 else.36 0 Begin o /3)* Summed RE summed for 96 to

Other Operating Income	187	0.000	0.000	0.000	0.000	0.000	
	188	3.000	V	0.000	.0000	0.000 expenses	15
OPERATING EXPENSES	189						
Employee Salaries	190	0.000	0.000	0.000	0.000	0.000	
Soc. Sec. Benefits	191	0.000	0.000	0.000	0.000	0.000	
Fringe Benefits	192	o. 000	0. 000	0.000	0. 000	0.000	
Heat-Light-Power	193	0.000	0.000	0.000	0.000	0.000	
Supplies, Materials Maintenance	194	3.000	0.000	0.000	0.000	0.000	
Other	195	3.000	0.000	0.000	0.000	0.000	
FIXED EXPENSES	196 197	0.722	0.732	0.741	0.751	0.752	
Amortization	198	0.000	0.000	0.000	0.000		
Depreciation	199	0.111	0.107	0.104	0.100	0.000 0.075	
Insurance	200	0.000	0.000	0.000	0.000	0.000	
Professional Pees	201	0.000	0.000	0.000	0.000	0.000	
Other	202	0.167	0.161	0.155	0.150	0.174	
	203	********				不不存在 医皮皮	
OPERATING EARNINGS (LOSSES)	204	0.326	0.335	0.343	0.351	0.352	
NOM-OPERATING REVENUES (EXPE	205						
MON-OFFWRITING KEATURES (SINE	207						
Interest Income	208	0.000	0.000	0.000	0.000	2 222	
Other Income	209	o. ooo	0.000	0.000	0.000	0.000 0.000	
Sale Fixed assets	210	0.000	0.000	0.000	0.000	0.000	
Interest Expense	211	-0.213	-0.202	-0.193	-0.184	-0.137	
Other	212	0.000	0.000	0.000	0.000	0.000	
	213						
NET NON-OPERATING EARNINGS	216						
Tax	215	3. 045	0.053	0.060	0.067	0.086	
PROFIT AFTER TAX (%Reven)	216	2.050	~ ~~~		1.101	** 特殊 医骨髓 医囊	
Preferred Stock Dividends	217 218	0.068 0.004	0.079	0.090	0.101	0.129	
Common Dividends	219	3.027	0.004 0.032	-0.004 0.036	-0. 004 0. 040	-0.003	
Adjustments	220	3.000	0.000	2.000	0.000	0.052 0.000	
To Retained Earnings	221	3.036	0.043	0.050	0.056	0.000	
_	222			******	31333	0.075	
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	237 238 239						
NORMALIZED BALANCE SHEET, PR	237 238 239 240	WATER SUPPLY	MEDIUM, WEST				
NORMALIZED BALANCE SHEET. PR	237 238 239 240	WATER SUPPLY	. MEDIUM, WEST				
CURRENT ASSETS	237 238 239 240 IVATE 242 243	1992	1993	1994	1995	2001 REFERENCE	
CURRENT ASSETS Cash (E400, 1st Year)	237 238 239 240 IVATE 242 243 244	1992 0.040	1993 0.042	0.043	0.045	0.057	
CURRENT ASSETS Cash (E400, lst Year) Accounts Receivable	237 238 239 240 IVATE 242 243 244 245	1992 0.040 0.000	1993 0.042 0.000	0.043	0.045 0.000	0.057 0.000	
CURRENT ASSETS Cash (E400, lst Year) Accounts Receivable Due From Other funds	237 238 239 240 IVATE 242 243 244 245 246	1992 3.040 5.000 5.000	1993 0.042 0.000 0.000	0.043 0.000 0.000	0.045 0.000 0.000	0.057 0.000 0.000	
CURRENT ASSETS Cash (E400, lst Year) Accounts Receivable	237 238 239 240 IVATE 242 243 244 245 246 247	1992 3.040 3.000 3.000 0.000	1993 0.042 0.000 0.000 0.000	0.043 0.000 0.000 0.000	0.045 0.000 0.000 0.000	0.057 0.000 0.000 0.000	
CURRENT ASSETS Cash (E400, lst Year) Accounts Redelyable Due From Other funds Due fromDue Other Funds	237 238 239 240 IVATE 242 243 244 245 246	1992 3.040 5.000 5.000	1993 0.042 0.000 0.000	0.043 0.000 0.000 0.000 0.000	0.045 0.000 0.000	0.057 0.000 0.000 0.000 0.000	
CURRENT ASSETS Cash (E400, lst Year) Accounts Redeivable Due From Other funds Due fromDue Other funds Inventory, at cost Prepaid Expenses	237 238 239 240 IVATE 242 243 244 245 246 247 248 249 250	1992 3.040 5.000 9.000 0.000 0.000 0.032	1993 0.042 0.000 0.000 0.000 0.000 0.033	0.043 0.000 0.000 0.000 0.000 0.035	0.045 0.000 0.000 0.000 0.000 0.000	0.057 0.000 0.000 0.000	
CURRENT ASSETS Cash (E400, 1st Year) Accounts Redeivable Due From Other Funds Due fromDue Other Funds Inventory, at cost	237 238 239 240 IVATE 242 243 244 245 246 246 247 248 250 251	1992 0.040 0.000 0.000 0.000	1993 0.042 0.000 0.000 0.000	0.043 0.000 0.000 0.000 0.000	0.045 0.000 0.000 0.000 0.000	0.057 0.000 0.000 0.000 0.000	
CURRENT ASSETS Cash (E400, lst Year) Accounts Redeivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets	237 238 239 240 IVATE 242 243 244 245 246 247 248 249 250 251 252	1992 3.040 5.000 9.000 0.000 0.000 0.032	1993 0.042 0.000 0.000 0.000 0.000 0.033	0.043 0.000 0.000 0.000 0.000 0.035	0.045 0.000 0.000 0.000 0.000 0.000	0.057 0.000 0.000 0.000 0.000 0.005	
CURRENT ASSETS Cash (E400, lst Year) Accounts Redeivable Due From Other funds Due fromDue Other funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS	237 238 239 240 IVATE 243 244 245 246 247 248 249 250 251 252 253	1992 3.040 3.000 2.000 0.000 3.000 3.032	1993 0.042 0.000 0.000 0.000 0.000 0.033	0.043 0.000 0.000 0.000 0.000 0.005	0.045 0.000 0.000 0.000 0.000 0.036	0.057 0.000 0.000 0.000 0.000 0.005 0.045	
CURRENT ASSETS Cash (E400, lst Year) Accounts Redeivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments	237 238 239 240 IVATE 242 243 244 245 246 247 248 250 251 252 253 254	1992 3.040 9.000 9.000 9.000 9.000 9.000 9.072	1993 0.042 0.000 0.000 0.000 0.000 0.033	0.043 0.000 0.000 0.000 0.000 0.035	0.045 0.000 0.000 0.000 0.000 0.036	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed	
CURRENT ASSETS Cash (E400, lst Year) Accounts Redeivable Due From Other funds Due fromDue Other funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS	237 238 239 240 IVATE 242 243 244 245 246 247 248 250 251 252 253 254 255	1992 3.040 3.000 2.000 0.000 3.000 3.032	1993 0.042 0.000 0.000 0.000 0.000 0.033	0.043 0.000 0.000 0.000 0.000 0.005	0.045 0.000 0.000 0.000 0.000 0.036	0.057 0.000 0.000 0.000 0.000 0.005 0.045	
CURRENT ASSETS Cash (E400, lst Year) Accounts Redeivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments	237 238 239 240 240 1VATE 242 243 244 245 247 248 249 250 251 252 253 254 255	1992 3.040 3.000 2.000 0.000 3.000 3.032 0.072	1993 0.042 0.000 0.000 0.000 0.000 0.033	0.043 0.000 0.000 0.000 0.000 0.035 0.078	0.045 0.000 0.000 0.000 0.000 0.036 0.081	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Surmed	
CURRENT ASSETS Cash (E400, lst Year) Accounts Receivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets	237 238 239 240 242 243 244 245 246 247 249 250 251 252 252 253 254 255 256 258	1992 3.040 9.000 9.000 9.000 9.000 9.000 9.072	1993 0.042 0.000 0.000 0.000 0.000 0.033	0.043 0.000 0.000 0.000 0.000 0.035	0.045 0.000 0.000 0.000 0.000 0.036	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed	
CURRENT ASSETS Cash (E400, lst Year) Accounts Redeivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIXED ASSETS	237 238 240 240 242 243 244 245 246 247 251 252 253 254 257 258 257 258	1992 3.040 3.000 2.000 0.000 3.000 3.032 0.072 3.000 0.000	1993 0.042 0.000 0.000 0.000 0.000 0.033 0.075	0.043 0.000 0.000 0.000 0.000 0.035 0.078	0.045 0.000 0.000 0.000 0.000 0.036 0.091	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed	
CURRENT ASSETS Cash (E400, lat Year) Accounts Receivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIXED ASSETS PAE	237 238 239 240 IVATE 242 243 244 245 246 247 248 250 251 252 253 254 255 257 258 257 258	1.992 3.040 3.000 0.000 0.000 0.000 0.032 0.072 0.072	1993 0.042 0.000 0.000 0.000 0.000 0.033 0.075	0.043 0.000 0.000 0.000 0.000 0.035 0.078	0.045 0.000 0.000 0.000 0.000 0.036 0.091	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 0.000	
CURRENT ASSETS Cash (E400, lat Year) Accounts Receivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIXED ASSETS PAE Less Depreciation	237 238 239 240 1VATE 243 244 245 247 248 249 250 251 252 253 256 257 258 259 261	1992 3.040 3.000 9.000 0.000 3.000 0.032 0.072	1993 0.042 0.000 0.000 0.000 0.000 0.033 0.075	0.043 0.000 0.000 0.000 0.000 0.035 0.078 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.036 0.081 0.000 0.000	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed	
CURRENT ASSETS Cash (E400, lst Year) Accounts Redeivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIXED ASSETS PAE Less Depreciation Land	237 238 249 240 1VATE 242 243 244 245 247 248 249 250 251 252 253 254 255 257 256 257 259 260 261	1992 3.040 3.000 9.000 9.000 9.000 9.032 0.072 3.000 9.000 0.000	1993 0.042 0.000 0.000 0.000 0.000 0.033 0.075 0.000 0.000	0.043 0.000 0.000 0.000 0.000 0.035 0.078 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.036 0.091	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed	
CURRENT ASSETS Cash (E400, lat Year) Accounts Receivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIXED ASSETS PAE Less Depreciation	237 238 249 240 1VATE 242 243 244 245 247 248 250 251 252 253 254 253 254 258 259 261 261 262 263	1992 3.040 3.000 9.000 0.000 3.000 0.032 0.072	1993 0.042 0.000 0.000 0.000 0.000 0.033 0.075	0.043 0.000 0.000 0.000 0.000 0.035 0.078 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.036 0.081 0.000 0.000	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed	
CURRENT ASSETS Cash (E400, lst Year) Accounts Receivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIED ASSETS PAE Less Depreciation Land Construction In Progress	237 238 240 240 247 242 243 245 245 245 245 250 252 253 254 253 255 256 257 258 258 259 260 261 262 262 263 264 265 265 265 265 265 265 265 265 265 265	1992 3.040 3.000 9.000 9.000 9.000 9.000 9.000 0.000 0.000 0.000 0.000 0.000	1993 0.042 0.000 0.000 0.000 0.000 0.033 0.075 0.000 0.000	0.043 0.000 0.000 0.000 0.005 0.078 0.000 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.036 0.081 0.000 0.000 0.000	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 summed	
CURRENT ASSETS Cash (E400, lst Year) Accounts Redeivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIXED ASSETS PAE Less Depreciation Land	237 238 249 240 1VATE 242 243 244 245 247 248 250 251 252 253 254 253 254 258 259 261 261 262 263	1992 3.040 3.000 9.000 9.000 9.000 9.032 0.072 3.000 9.000 0.000	1993 0.042 0.000 0.000 0.000 0.000 0.033 0.075 0.000 0.000 0.000	0.043 0.000 0.000 0.000 0.000 0.035 0.078 0.000 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.036 0.091 0.000 0.000 0.000	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	
CURRENT ASSETS Cash (E400, lst Year) Accounts Receivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIED ASSETS PAE Less Depreciation Land Construction In Progress Total, Fixed Assets Other Assets	237 238 240 242 243 244 245 245 246 247 248 249 251 252 252 253 254 255 257 258 257 258 260 261 262 263 264 263 264 265 265 265 265 265 265 265 265 265 265	1992 3.040 3.000 9.000 9.000 9.000 9.000 9.000 9.000 9.825 9.000 9.000 9.825	1993 0.042 0.000 0.000 0.000 0.000 0.033 0.075 0.000 0.000	0.043 0.000 0.000 0.000 0.005 0.078 0.000 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.036 0.081 0.000 0.000 0.000	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 0.753 0.000 0.000 0.000 0.753 Summed 0.145	
CURRENT ASSETS Cash (E400, lst Year) Accounts Redeivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets PIED ASSETS PAE Less Depreciation Land Construction In Progress Total, Fixed Assets	237 238 2400 IVATE 243 244 245 245 245 248 249 251 252 253 254 255 257 258 257 258 260 261 261 262 263 264 265 265 266 267 267 268 269 269 269 269 269 269 269 269 269 269	1.992 3.040 3.000 9.000 9.000 9.000 9.002 9.002 9.000 9.000 9.000 9.825 9.103	1993 0.042 0.000 0.000 0.000 0.000 0.033 0.075 0.000 0.000 0.000 0.000 0.000 0.000	0.043 0.000 0.000 0.000 0.005 0.078 0.000 0.000 0.000 0.000 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.036 0.081 0.000 0.000 0.000 0.000 0.000	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 0.000 0.753 0.000 0.000 0.000 0.145	
CURRENT ASSETS Cash (E400, lat Year) Accounts Redelyable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIXED ASSETS PAR Less Depreciation Land Construction In Progress Total, Fixed Assets Other Assets Total Assets	237 238 240 242 243 245 245 245 249 250 251 252 253 254 255 255 256 257 262 264 262 264 265 266 267 267 267 267 267 267 267 267 267	1992 3.040 3.000 9.000 9.000 9.000 9.000 9.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	1993 0.042 0.000 0.000 0.000 0.000 0.033 0.075 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.043 0.000 0.000 0.000 0.000 0.035 0.078 0.000 0.000 0.000 0.000 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.036 0.081 0.000 0.000 0.000 0.000 0.000 0.000	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	
CURRENT ASSETS Cash (E400, lst Year) Accounts Receivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIED ASSETS PAE Less Depreciation Land Construction In Progress Total, Fixed Assets Other Assets	237 238 240 240 243 244 245 245 246 247 248 249 250 251 252 253 254 257 258 257 258 259 260 261 262 263 264 263 264 263 264 265 266 267 268 268 268 269 269 269 269 269 269 269 269 269 269	1992 3.040 3.000 9.000 9.000 9.000 9.000 9.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	1993 0.042 0.000 0.000 0.000 0.000 0.033 0.075 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.043 0.000 0.000 0.000 0.000 0.035 0.078 0.000 0.000 0.000 0.000 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.036 0.081 0.000 0.000 0.000 0.000 0.000 0.000	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 0.000 0.753 0.000 0.000 0.000 0.145	
CURRENT ASSETS Cash (E400, lat Year) Accounts Receivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIMED ASSETS PAE Less Depreciation Land Construction In Progress Total, Fixed Assets Other Assets LIABILITIES AND EQUITY	237 238 240 240 241 243 245 245 245 249 250 251 252 253 254 255 257 258 257 258 260 261 262 263 264 265 266 267 267 268 269 270 271	1992 3.040 3.000 9.000 9.000 9.000 9.000 9.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	1993 0.042 0.000 0.000 0.000 0.000 0.033 0.075 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.043 0.000 0.000 0.000 0.000 0.035 0.078 0.000 0.000 0.000 0.000 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.036 0.081 0.000 0.000 0.000 0.000 0.000 0.000	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 0.000 0.753 0.000 0.000 0.000 0.145	
CURRENT ASSETS Cash (E400, lat Year) Accounts Redelyable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FILED ASSETS PAR Less Depreciation Land Construction In Progress Total, Fixed Assets Other Assets LIABILITIES AND EQUITY CURRENT LIABILITIES	237 238 240 242 243 245 246 247 248 249 250 251 252 253 254 255 255 256 257 262 263 264 265 267 268 268 270 271 272	1992 3.040 3.000 9.000 9.000 9.000 9.000 9.000 9.000 9.825 9.000 9.000 9.000 9.000 9.103	1993 0.042 0.000 0.000 0.000 0.000 0.003 0.075 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.043 0.000 0.000 0.000 0.000 0.035 0.078 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.116	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 0.753 0.000 0.000 0.000 0.000 0.145	
CURRENT ASSETS Cash (E400, lat Year) Accounts Receivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIED ASSETS PAE Less Depreciation Land Construction In Progress Total, Fixed Assets Other Assets LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable	237 238 240 240 243 244 245 245 246 247 248 249 250 251 252 253 254 257 258 259 260 261 262 263 264 263 264 263 264 263 264 263 264 265 267 266 267 267 268 269 269 269 269 269 269 269 269 269 269	1992 3.040 3.000 9.000 9.000 9.000 9.000 9.002 0.072 0.000 0.000 0.000 0.825 0.000 0.000 0.825 0.103	1993 0.042 0.000 0.000 0.000 0.000 0.003 0.075 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.043 0.000 0.000 0.000 0.000 0.035 0.078 0.000 0.000 0.000 0.000 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.036 0.081 0.000 0.000 0.000 0.000 0.000 0.000	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.753 Summed 0.753 Summed 0.753 Summed 0.445	
CURRENT ASSETS Cash (E400, lat Year) Accounts Receivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIMED ASSETS PAE Less Depreciation Land Construction In Progress Total, Fixed Assets Other Assets LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable Accounts Payable Accounted Expenses	237 238 2400 IVATE 243 244 245 245 245 252 253 254 253 254 255 255 256 257 258 260 261 261 262 263 264 267 267 268 269 270 271 272 272 273 274	1.992 3.040 3.000 0.000 0.000 0.000 3.032 0.072 3.000 0.000 0.000 0.825 0.000 0.000 0.825 0.103	1993 0.042 0.000 0.000 0.000 0.000 0.003 0.075 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.043 0.000 0.000 0.000 0.000 0.005 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 0.000 0.000 0.753 0.000 0.000 0.000 0.145 1.000 Summed +M251+M25	
CURRENT ASSETS Cash (E400, lat Year) Accounts Receivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIED ASSETS PAE Less Depreciation Land Construction In Progress Total, Fixed Assets Other Assets LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable	237 238 240 240 243 244 245 245 246 247 248 249 250 251 252 253 254 257 258 259 260 261 262 263 264 263 264 263 264 263 264 263 264 265 267 266 267 267 268 269 269 269 269 269 269 269 269 269 269	1992 3.040 3.000 3.000 3.000 3.000 3.032 0.072 3.000 0.000 0.000 0.825 0.000 0.000 0.825 0.103	1993 0.042 0.000 0.000 0.000 0.000 0.003 0.075 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.043 0.000 0.000 0.000 0.000 0.005 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.116	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 0.753 0.000 0.000 0.753 Summed 1.000 Summed +M251+M25	
CURRENT ASSETS Cash (E400, lat Year) Accounts Receivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIXED ASSETS PAR Less Depreciation Land Construction In Progress Total, Fixed Assets Other Assets LIABILITIES AND EQUITY CURRENT LIABILITES Accounts Payable Accounted Expenses Short Term Dabt	237 238 240 240 242 243 245 245 246 250 251 252 253 254 257 252 256 257 256 257 256 257 256 257 262 263 264 263 264 265 267 266 276 276 276 276 276 276 276 276	1992 3.040 3.000 9.000 9.000 9.000 9.000 9.000 9.000 0.000 0.000 0.825 9.000 9.000 0.000 0.825 0.103	1993 0.042 0.000 0.000 0.000 0.000 0.003 0.075 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.043 0.000 0.000 0.000 0.000 0.005 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.045 0.000	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 0.000 0.000 0.000 0.753 Summed 0.145 1.000 Summed +M251+M25	
CURRENT ASSETS Cash (E400, lat Year) Accounts Receivable Due From Other Funds Due fromDue Other Funds Inventory, at cost Prepaid Expenses Total, Current Assets RESTRICTED ASSETS Investments ARContributed Capital Total, Restricted Assets FIED ASSETS FAE Less Depreciation Land Construction In Progress Total, Fixed Assets Other Assets LIABILITIES AND EQUITY CURRENT LIABILITIES Accounts Payable Accounts Payable Accounts Payable Current Part, LT Debt	237 238 240 240 243 243 245 245 245 245 245 245 252 253 253 253 254 253 253 254 253 253 254 253 253 254 253 253 254 253 253 264 263 263 263 263 264 263 263 263 263 263 263 263 263 263 263	1992 3.040 3.000 3.000 3.000 3.000 3.032 0.072 3.000 0.000 0.000 0.825 0.000 0.000 0.825 0.103	1993 0.042 0.000 0.000 0.000 0.000 0.003 0.075 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.043 0.000 0.000 0.000 0.000 0.005 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	0.045 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.116	0.057 0.000 0.000 0.000 0.000 0.045 0.102 Summed 0.000 0.000 0.000 0.753 0.000 0.000 0.753 Summed 1.000 Summed +M251+M25	

Total Curr. Liabilities	280	3.10	0.09		0.09	0.08	0.11	
PAYABLE FROM RESTRICTED ASSETS								16
Contracts Payable Deposits	282 283	3.00 3.00	0. 00 0. 00		0.00 0.00	o. oo	0.00	
Deposito	284							
Total, Payable from R.A.	285	1.00	0.00		0.00	0.00	0.00	
ADVANCES FROM OTHER FUNDS	286 287	2.00	0.00		0.00	0.00	0.00	
ADVANCES FROM CIMER FORDS	288		0.00		0.00	0.00	0.00	
LONG TERM LIABILITIES	289							
Intermediate-Term Debt Long-Term Debt	290 291	3.24 3.31	0.23 0.31		0.23 0.31	0.23 0.30	0.22 0.29	
EQUITY	292	7.34	0.31		0.32	V.50	V.43	
Preferred Stock	293	3.02	0.02		0.02	0.02	0.02	
Common Stock Contributed Capital	294 295	0.32 0.00	0.32 0.00		0. 32 0. 00	0.32 0.00	0.30 0.00	
Retained Earnings	296	0.01	0.02		0.03	0.05	0.08	-
_	297							
Total Equity	298	2.35	0.36		0.37	0.38		Surmed
Total Liabilities & Equity	299 300	1.0	1.0		1.0	1.0	======================================	Summed
	301		2.0				2.0	
RATIO ANALYSIS, PRIVATE WATER								
LIQUIDITY	303 304	1992	1993		1994	1995	2001	
Acid Test	305	0.426	0.4		0.5	0.6	0.5	
Quick	306	5.408	0.4		0.5	0.6	0.5	
Current	307	3.734	0.8		0.9	1.0	0.9	
AR/Op Inc	30 8 30 9	3.0	0.0		0.0	0.0	0.0	Cash/Inve
l	310							
ACTIVITY	311							
Accounts Receivable TO	312	17385.3	18254.6		19167.3	20125.6	26970.3	
Days Outstanding Inventory Turnover	313 314).0 na	0.0		0.0 nma	0. 0	0.0 nan	
Asset Turnover	315	0.258	0.3		0.3	0.3	0.4	
One/Asset TO	316	1.872						
COVERAGE AND LEVERAGE Interest Coverage	317					0.9		
Interest Coverage Interest + Dividends	31 8 319	1.7 45 1.519	0.7 0.6		0.8 0.6	0.7	1.6	
Fixed Finance Payments	320	1.272	0.6		0.6	0.7		No curren
I.LT Debt/Assets	321	0.55	0.5		0.5	0.5	0.5	
Equity/Asets	322 323	0.35	0.4		0.4	0.4	0.4	(E107+E10
PROFITABILITY	324						*	formula
Margin	325	0.113	0.5		0.5	0.5	0.5	
Return on Assets	326	3. 029	0.0		0.0	0. 0	0.1	
Return on Equity Cash Flow on Assets	327 328	0.083 0.103	0.1 0.1		0.1 0.1	0.1 0.1	0.2 0.1	
	329		V			***	V.1	Assets >
GROWTH (Percent)	330							
Revenue Cash Flow	331 332	0.050	0.050		0.050	0.050	0.050	
Earnings	333	D&	na.		DA.	DA.	na na	
Dividends	334	na	DA		Da	D&	na.	
	335 336	Note:	((156-d 54))-1)*100				
OPERATING STATISTICS	337							
Peak Load	338							
Capacity at Peak	339							
SEMBITIVITY ANALYSIS RATES (340 WEIG	ETED AVERAGE)						
	342							
Rates (Weighted Average)	343		2.2		2.2	2.2	2.2	
Usage Customers	344 345		8202644 44230		8202644 44230	8202644 44230	82 02644 4 42 30	
	346		-4430		74430	77874	16230	
Revenues	347	17385	18255		19167	20126	26970	Dollars i
Personnel Costs	348		0		0	0	^	not
Other Variable Expenses	350		8890		9334	9801	13135	not avail
Depreciat'n & Amortizat'n	351	1304	1304		1304	1304	1304	
Other Fixed Expenses	352	1954	1954		1954	1954	3031	
Total Assets	353 354		67 867		68484	69131	73756	
Plant and Equipment	355	55531	55531		55531	55531	5 5531	
(Operating)	356							
Debt (IT and LT)	357 356		36 954 2 451 0		369 54 2 5469	36 954 26 606	36954 28619	
Equity (Equivalent)	359		44210			4944	40019	
	360				_ •			
STATEMENT OF CASH PLOWS. PRIV		WATER SUPPLY, MEDI		(Dollars i		ds) 19 95	2001	2222200
CASE FLOWS FROM OPERATING ACT			1993		1994	7332	2001	REFERENC, Page
Received from Customers	364	17385.3	18254.6		19167.3	20125.6	26970.3	Summed
Payments	365	-11724.6	-12148.0	-	12592.5	-13059.2	-17469.9	
Add Back Depreciation	3 66 3 67		1303.9		1303.9 7878.7	1303.9 8370.3	1303.9	GSUM (N364
Net Operating Cash Flow	368		7410.5		/0/4./	03/0.3	10806.3	Indl depr
Change, CA, less cash	369	0.0	76.5		112.8	118.4	845.6	-
Change Current Liabilities		0.0	-234.9		-343.2	-489.3	-655.8	
TAXES	371		-9 64. 5		-1151.8	-13 68.4	-1807.0	
Cash Flow, Operat. Accts.	. 3/2	6178.4	6 287.6		6 496. 5	6651.0	7187.1	+N367+N36

```
17
CASH FLOWS FROM NON-CAPITAL FINANCING ACTIVITIES
  Advances to Other Funds 375
Repayment to Other Funds 376
                                                                 0 - 0
                                                                                      0.0
                                                                                                          0.0
                                                                                                                               0.0
                                            0.0
                                                                0.0
                                                                                      0.0
                                                                                                          0.0
                                                                                                                               0.0
                                   377
    Total, C.F. From Non-Cap 378
                                            0.0
                                                                 0.0
                                                                                     0.0
                                                                                                          0.0
                                                                                                                               0.0 +M375+M37
CASE FLOWS FROM CAPITAL ACCOUNTS
  Change in Fixed Assets
Change in Other Assets
                                            0.0
                                                                 0.0
                                                                                      0.0
                                                                                                                           0.0 Assume c
2719.0 for expan
                                                                                                          0.0
                                  382
383
                                            0.0
                                                              345.3
                                                                                   362.6
  Capital Grants
                                                            0.0
                                                                                    0.0
                                                                                                       0.0
                                                                                                                               0.0 minor add
  Retirement, LT Debt
                                  384
                                             0.0
                                                                 0.0
                                                                                                          0.0
                                                                                                                               0.0
  New debt
  New debt
Interest on LT Debt
                                                                                                                          0.0
0.0
-3695.4 +M102
-1393.2 e110*.04
0.0 Ave RE, 6
1303.9 +M85+M86
-1065.7 Summed
                                  385
                                             3.0
                                                                 0.0
                                                                                      0.0
                                                                                                          0.0
                                                       -3695.4
-578.7
                                  386 -3695.4
                                                                                                      -3695.4
                                                                                 -3695.4
                                  387
                                        -471.7
                                                                                  -691.1
                                                                                                       -809.1
  Contributed Capital
                                  388
                                                                                      0.0
                                                                                                          0.0
  Depreciation, Amortization 389 1303.9
Total, C.P. From Cap Accts390 -2863.1
                                         1303.9
                                                              1303.9
                                                                                  1303.9
                                                                                                       1303.9
                                                                                                      -2819.8
CASE FLOWS FROM INVESTMENTS 392
   nvestment Interest
                                  393
                                                                 9.0
                                                                                      0.0
  Net purchase Securities
                                  394
                                                                                                         0.0
                                                                                                                                0.0
                                  395
  NET CASE FLOW
                                       3315.3
                                                             3662.8
                                                                                  3776.6
                                                                                                       3831.2
                                                                                                                            8121.4 +H372+H37
                                  397
CASH. BEGINNING OF YEAR
                                       2557.8
                                                                                  2827.0
                                                                                                       2968.4
                                                                                                                            3977.9
CASE, Avail. for Withdrawal
                                  399
                                           57.3
CASE, EOY Includes Line 399
                                       2692.4
                                                                                  2968.4
                                                                                                       3116.8
                                  401
                                                                                                      Bevond
PAYBACK
                                         0 1 2 3 4

-67311 57311 59828 51891 43728

7482 7337 8163 9336

59828 51891 43728 35383
                                                                                           35393 -43867.1
79260 15090*
                        Year
                                  403 0
                                                                                           5-10
  Investment
                                  404
  Cash Flow to Capital Remaining Investment
                                  405
406
                                                                                             -43867
                                                                                                     -204848
                                  407
                                  408 Assume perpetuity after year ten.
409 -57311 7482 7937 81
410 0.318
INTERNAL RATE OF RETURN
  Cash Flow
IRR
                                                                          8163
                                                                                              79260
                                                                                                       160981
                                   411
NET PRESENT VALUE 0.082 412 Assume perpetuity after year ten.

Cash Flow 413 -57311 7482 7937 8163
                                  413 -67311
414 104089.1
                                                                                 9336 79260 160981
  Net Present Value
UNIFORM ANNUAL EQUIVALENT COST
  Costd/PVIFA, coc, infin per
                                         5523.5
                                  420
                                   421
WEIGHTED COST OF CAPTIAL:
                                  422
                                  423
                                          Mkt
                                                 Propor-
                    ATC 424
0.1 0.060 425
0.1 0.060 426
                                                  tion
0.3
                BTC
                                        Value
15885
Commonent
     k dit
k dit
                                                               0.015
                                       21068.2
                                                       0.3
                                                               0.020
                           0.090 427
0.116 428
     k ps
                                                       0.0
                                                               0.002
                                          23718
                                                               0.044
                                  429
                                         51951
                                                  1.0
                                                            0.082
                                  430
k = D/P + g = .04 + .05 =
                                          0.090
   Constant growth assumption.
k . = RFR + b(R m - RFR) = .06434
                                                               0.116
                                435
                                  436
PROJECT SUMMARY: PRIVATE WATER SUPPY, MEDIUM, WEST--base case
                                  438
Annual revenues for the first and tenth years are:
                                                                                 17385.3
                                                                                                      26970.3
                                                                                                                                     26970.3
                                                                                                                            +071
Annual cash expenses for the first and tenth years are:
                                                                                 14902.2
                                                                                                      22183.4
                                                                                                                          +293-E85-E86-E105+
                                  441
                                                                                                                          +M93-M85-M86-M105+
Payback would occur in year:
Internal rate of return on this project is:
                                                               0.318 (Probably a minus .003, but near zero)
Net present value of this project is:
                                                             104089
                                                                                                                           +R414
                                               5523 each year to cover costs
Project cash flow would have to equal
                                                                                                                           +R417
and provide for the market required return on equity. (Nearly double current CF).
(Dollars in thousands)
           (Assuming an infinite project life)
Ratio Analysis:
                                  451
  Liquidity position is
                                  453
  Asset turnover is
                                  455
  Profitability is
                                  457
  Growth rate is
                          0.050
  Excess capacity at peak load is (not available). 462
Assume depreciation is reinvested in assets.
```

In year 2

373

465

18

```
167
                                468
ADJUSTED BALANCE SHEET LINES 124 THROUGH 150 FOR FIRST YEAR
                                470
                                471
                               472 -----
CURRENT ASSETS
  Cash (See line 124) 
Accounts Receivable
                               474
475
                                      2692.4
                                      16.4
                                       0.0
  Due From Other Funds
                                476
  Due from Other Governments 477
                                         0.0
  Inventory, at Cost
                                478
                      0.0319
                                     2147.9
                               479
                                480
  Total, Current Assets
                                      4873.2
                                481
RESTRICTED ASSETS
                                483
   LVestments
                                       0.0
  AR--Contributed Capital
                                485
                                        0.0
  Total, Restricted Assets
                                187
                                488
PITED ASSETS
                                489
  Plant & Equipment
                                490
                                    55531.3
                                491
  Less Depreciation
                                         3.0
   and
                                492
  Construction In Progress
                                193
                                494
  Total Fixed Assets
                                    55531.3
  Other Assets
                                496
                                      6906.2
 TOTAL ASSETS, COMPUTED
                                198
                                    67310.6
Assets-liabilities, 1st year
JUN OF ASSET-ELEMENTS
                                500 67310.6
                                                 LINES 503 THROUGH 519 ARE ADJUSTMENTS ROUTINES FOR LIABILITIES
                               -502 ------
  Accounts Payable
                                503
                                                   0.0
                                                                                 0.0
                                                                                           0.0
                                                                                                    0.0
                                                                                                                                  0.0
  Accrued Expenses
                                504
                                          0.0
                                                    3.0
                                                              0.0
                                                                       0.0
                                                                                 0.0
                                                                                           0.0
                                                                                                     0.0
                                                                                                               0.0
                                                                                                                        0.0
                                                                                                                                  0.0
  Short Term Debt
Current.Part. LT Debt
                                505
                                          9.0
                                                    0.0
                                                                       0.0
                                                                                 0.0
                                                                                           0.0
                                                                                                     0.0
                                                                                                                        0.0
                                                                                                                                  0.0
                                       0.0
                                506
                                                                                           0.0
                                                   0.0
                                                             2.0
                                                                      0.0
                                                                                 0.0
                                                                                                     0.0
                                                                                                              0.0
                                                                                                                                  0.0
  Due to Other Punds
                                                                                                                                  0.0
                                                                             5604.7
                                     5990.6
                                                                                        -544.0
                                                                                                 5934.9
  Other
                                508
                                                  548.1
                                                         6290.2
                                                                     113.7
                                                                                                         -1363.5
                                                                                                                    9293.5
                                                                                         0.0
  Contracts Payable
                                                              0.0
                                                                                                                        0.0
                                                                                                                                  0.0
                                                             3.0
                                                                       0.0
  Deposits
                                510
                                                    0.0
                                                                                 0.0
                                                                                           0.0
                                                                                                     0.0
                                                                                                              0.0
                                                                                                                        0.0
ADVANCES FROM OTHER FUNDS
                                                                                                                                  0.0
                                                                       0.0 15885.3
0.0 21068.2
                                512 15885.3
513 21068.2
                                                                                           0.0 15885.3
0.0 21068.2
  Intermediate-Term Debt
                                                   0.0 15885.3
0.0 21068.2
                                                                                                              0.0 15885.3
0.0 21068.2
  Long Term Debt
Preferred Stock
                                     21068.2
                                                                                                                                  0.0
                                                    0.0 1278.9
0.0 21808.6
                                                                                                  1278.9
                                514
                                       1278.9
                                                                       0.0
                                                                              1278.9
                                                                                           0.0
                                                                                                               0.0
                                                                                                                     1278.9
      son Stock
                                                                       0.0
                                                                            21808.6
                                                                                                                   21808.6
                                                                                                                                  0.0
  Contributed Capital
                                516
                                          0.0
                                                    0.0
                                                                       0.0
                                                                                           0.0
                                                                                                               0.0
  Retained Barnings
                                                                                           0.0
                                                                                                                     5531.9
                                                    0.0
                                                          1422.1
                                                                       0.0
                                                                                                                                  0.0
                                                                                                               0.0
                                518
                                    66662.5
Total Liabilities & Equity
                                                  648.1 67753.3
                                                                     113.7 69027.7
                                                                                       -544.0 70494.8 -1363.5 74866.4 -1110.5
                            ----520 --
UNADJUSTED FIRST YEAR BALANCE SHEET LINES 124 THROUGH 150 --- SEE LINES 474 THROUGH 500
                                522
523 --
                                      1992
 URRENT ASSETS
  Cash (See line 124) Accounts Receivable
                                524
                                      2692.4
                                525
                                       16.8
  Due From Other Funds 526
Due from Other Governments 527
                                          3.0
3.0
  Inventory, at Cost
                                528
                      0.0319 529
  Other CA
                                     2198.1
  Total, Current Assets
                                      4924.2
                                531
                                532
RESTRICTED ASSETS
                                533
                                        0.0
  AR--Contributed Capital
                                535
  Total, Restricted Assets
                                         0.0
                                537
FIXED ASSETS
                                539
  Plant & Equipment
                                    55531.3
                                       0.0
  Less Depreciation
                                541
  Construction In Progress
                                543
                                          0.0
  Total Fixed Assets
                                    55531.3
                                545
                                547
TOTAL ASSETS, COMPUTED
Assets-liabilities, lst year
                                     67310.6
SUM OF ASSET-ELECTRICS
                                    67523.1
```

TO QUICKLY PIED MULTIPLIER CELLS SEE LOOK-UP TABLE AT A671.

In the first year, the ratio 76737/19820 is equivalent to ("Total Assets" divided by "Total Operating Revenues"). This ratio, which

466

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equals 3.87170 and is known as the predominant multiplier, was determined by analysis of several types of water utilities. In the first year, this ratio (2600) is multiplied by "Total Operating Revenues" (E71) to produce "Computed Total Assets" (E168).
```

Description of

DESCRIPTIONS OF THE OPERATIONS

```
OF MULTIPLIERS ARE IN SAME ROW
                                                      Multiplier's Operation
WITH THE ACTUAL MULTIPLIERS.
                                                                   Computes "Supplies & Materials -- Operating Expenses" (E79), when multiplied by "Total Operating Revenues" (E71).
SUPPLIES & HATERIALS
                                            0.00000 - E568
                                     568
                                      569
                                                                   Computes "Maintenance--Operating Expenses" (E80),
MAINTENANCE -- OPER. EXP.
                                      570
                                            0.00000 = 8570
                                                                   when multiplied by "Total Operating Revenues" (E71).
Computes "Other-Operating Expenses" (E81).
                                      571
OTHER--OPER. EXPENSES
                                            0.48700 = E572
                                      572
                                                                       when multiplied by "Total Operating Revenues" (E71).
                                      573
                                                                   Computes "Depreciation -- Variable Expenses" (E96),
DEPRECIATION -- VAR. EXP.
                                      574
                                            0.07500 - E574
                                                                   when multiplied by "Total Operating Revenues" (E71).
Computes "Insurance--Veriable Expenses" (E87),
INSURANCE -- VAR. EXP.
                                            0.00000 - E576
                                      576
                                                                   when multiplied by "Total Operating Revenues" (E71).
Computes "Professional Fees--Variable Expenses" (E88),
PROFESSIONAL PRES--VAR. EXP. 578
                                            0.00000 = E578
                                                                   when multiplied by "Total Operating Revenues" (E71).
Computes "Other (Taxes) -- Variable Expenses" (E89),
OTHER (TAXES) -- VAR. EXP.
                                            0.11240 = R580
                                      580
                                                                        when multiplied by "Total Operating Revenues" (E71).
                                                                   Computes "Other Assets" (E546),
                                            0.10500 m R582
OTHER ASSETS
                                      582
                                                                    when multiplied by "Computed Total Assets" (E148).
Computes "Cash, End of Year" (E118),
                                      583
CASH, END OF YEAR
                                      584
                                            0.04000 = E584
                                                                        when multiplied by "Computed Total Assets" (E148).
                                      585
                                                                    Computes "Cash, Available for Withdrawai" (E119), when multiplied by "Cash, End-of-Year" (E118) minus "Cash, Beginning-of-Year" (E117).
CASE, AVAIL. FOR WITHDRAWAL
                                            0.90000 - E586
                                      596
                                      587
                                      589
                                      591
                                                                    Computes "Employee Salaries -- Operating Expenses" (275), when multiplied by "Total Operating Revenues" (271).
EMPLOYEE SALARIES -- OPER. EXP. 592
                                            0.00000 - 8592
                                      593
SOC. SECURITY BENEFITS
                                             0.00000 = 2594
                                                                    Computes "Social Security Benefits -- Operating Expenses" (276),
                                                                        when multiplied by "Total Operating Revenues"
                                      595
FRINGE BENFITS -- OPER. EXP.
                                             0.00000 - E596
                                                                    Computes "Fringe Benefits -- Operating Expenses" (E77)
                                                                        when multiplied by "Total Operating Revenues" (E71)
                                      597
                                                                    Computes "Heat, Light & Powers-Operating Expenses" (E78 when multiplied by "Total Operating Revenues" (E71). Computes "Computed Total Assets" (E168), when multiplied by "Total Operating Revenues" (E71).
HEAT. LIGHT & POWER-OPER.EXP.598
                                             0.00000 = R598
                                      599
COMPUTER TOTAL ASSETS
                                            3.87170 . E600
                                      600
                                      601
                                                                    Computes "Accounts Receivable -- Current Assets" (E525),
ACCTS. REC. -- CURRENT ASSETS
                                             0.00025 - E602
                                      602
                                                                        when multiplied by "Computed Total Assets" (E148).
                                      603
                                                                        putes "Due From Other Funds -- Current Assets" when multiplied by "Computed Total Assets" (
 DUE FROM OTHER FUNDS-C.ASS.
                                             0.00000 = 2604
                                                                    Computes "Due
                                                                                                                                   (E526).
                                                                                                                                (B148).
                                      605
                                                                    Computes "Due From Other Governments -- Current Assets" (E527),
DUE FROM OTHER GOV'TS.
                                             0.00000 - E606
                                      606
                                                                        when multiplied by "Computed Total Assets"
                                      607
                                                                        when multiplied by "Computed Total Assets" (E168).
 INVENTIRY AT COST-C. ASSETS
                                             0.00025 = E608
                                      608
                                       609
                                                                    Computes "Other--Current Assets" (8529), when multiplied by "Computed Total Assets"
 OTHER--CURRENT ASSETS
                                             0.03266 - E610
                                       610
                                       611
                                                                    Computes "Plant & Equipment -- Fixed Assets" (E540),
when multiplied by "Computed Total Assets" (E148)
 PLANT & EQUIP .-- FIXED ASSETS 612
                                             0.82500 = E612
                                       613
                                                                    Computes "Construction in Progress--Fixed Assets"
when multiplied by "Computed Total Assets" (El.
                                                                                                                                      (B543).
 CONSTRUC. IN PROG.-F. ASSETS
                                      614
                                             0.00000 = E614
                                       615
                                       617
                                       618
                                       621
                                       622
                                       623
                                                                    Computes "Other Income -- Net Non-Operating Earnings" (E100),
 OTHER INCOME--NET N/O BARM.
                                             0.00000 - E624
                                       624
                                                                                                                                     (871).
                                                                         when multiplied by "Total Operating Revenues"
                                       625
                                                                     Computes "Other--Net Non-Operating Earnings" (E103)
 OTHER--NET NON-OP. EXEMINGS
                                             0.00000 - E626
                                       626
                                                                         when multiplied by "Total Operating Revenues" (E71).
                                       627
                                       628
                                       629
                                       630
                                       631
                                                                     Computes "Accounts Payable -- Current Liabilities" (E153),
 ACCTS. PAY .-- CURR. LIABIL.
                                             0.00000 m E632
                                       632
                                                                     when multiplied by "Computed Total Assets" (E169).
Computes "Accrued Expenses--Current Liabilities" (E156).
                                       633
 ACCRUED EXP .-- CURR. LIABIL.
                                             0.00000 - E634
                                       634
                                                                     when multiplied by "Computed Total Assets" (E149).
Computes "Short-Term Debt--Current Liabilities" (E155
                                             0.00000 - E636
                                                                                                                                    (B155),
 SHORT-TERM DEBT -- C. LIABIL.
                                       636
                                                                     Computes "SHORT-TERM MEST-CURTERIC MIGRITILES" (E155), when multiplied by "Computed Total Assets" (E148).

Computes "Current Liabilities Part of Long-Term Debt" (E156), when multiplied by "Computed Total Assets" (E168).

Computes "Current Liabilities Due to Other Funds" (E157),
                                              0.00000 = E638
 CURR. LIABIL. PART OF LT. D.
                                       638
 CURR.LIABIL.DUR OTHER FUNDS
                                              0.00000 - E640
                                       640
                                                                         when multiplied by "Computed Total Assets" (E148).
                                                                     Computes "Other Current Liabilities" (E158),
 OTHER CURRENT LIABILITIES
                                       642
                                              0.08900 - R642
                                                                          when multiplied by "Computed Total Assets" (E148)
                                                                     Computes "Contracts Payable From Restricted Assets
 CONTRACTS PAY. PROM R. ASSETS 644
                                              0.00000 - E644
                                                                          when multiplied by "Computed Total Assets" (E148).
                                                                     Computes "Deposits Payable From Restricted Assets
 DEPOSITS PAY, FROM R. ASSETS 646
                                              0.00000 = E646
                                                                         when multiplied by "Computed Total Assets" (E168).
                                       647
                                                                     Computes "Advances From Other Funds" (E167),
when multiplied by "Computed Total Assets" (E149).
Computes "Intermediate-Term Debt--Long-Term Liabiliti
 ADVANCES FROM OTHER FUEDS
                                       648
                                              0.00000 - E648
 INTERMEDIATE-TERM DEST
                                       650
                                              0.23600 - E650
                                                                          when multiplied by "Computed Total Assets" (E148).
```

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20
```

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PREFERRED STOCK -- EQUITY
                                   652 0.01900 = E652
                                                              Computes "Preferred Stock--Equity" (E173),
                                   653
                                                              when multiplied by "Computed Total Assets" (E148).
Computes "Long-Term Debt" (E171),
LONG-TERM DEBT
                                   654
                                         0.31300 - 2654
                                                              when multiplied by "Computed Total Assets" (E148).
Computes "Common Stock--Equity" (E174),
when multiplied by "Computed Total Assets" (E148).
                                   655
COMMON STOCK -- EQUITY
                                         0.32400 = E656
                                   656
CONTRIBUTED CAPITAL-EQUITY
                                                              Computes "Contributed Capital -- Equity" (E175), when multiplied by "Computed Total Assets" (E148).
                                   65B
                                         0.00000 = 2658
                                   659
                                   660
                                    661
                                    662
                                    663
                                    665
                                    667
                                    669
                                    670
      LOOK-UP TABLE FOR LOCATING THE CELL ADDRESSES OF THE MULTIPLIERS
   ALPHABETIZED NAMES OF MULTIPLIERS
                                                    CELL ADDRESSES OF MULTIPLIERS
E632
                                                              E602
                                                              E586
                                                              R656
                                                              E600
```

COMPUTED TOTAL ASSETS
CONSTRUCTION IN PROGRESS--PILED ASSETS
CONTRACTS PAYABLE FROM RESTRICTED ASSETS
COMPRIBUTED CAPITAL--EQUITY B614 B644 E 658 E638 E640 E646 **E574** DUE FROM OTHER FUNDS -- CURRENT ASSETS -----**E604 E606 R592 E598** E576 R650 E654 E570 R582 OTHER CURRENT LIABILITIES ----**B624** E580 R610 E626 **B**572 E612 E652 PROFESSIONAL PRES-VARIABLE EXPENSES
SHORT-TERM DEBT-CURRENT LIABILITIES
SOCIAL SECURITY BEMEFITS
SUPPLIES & MATERIALS E636